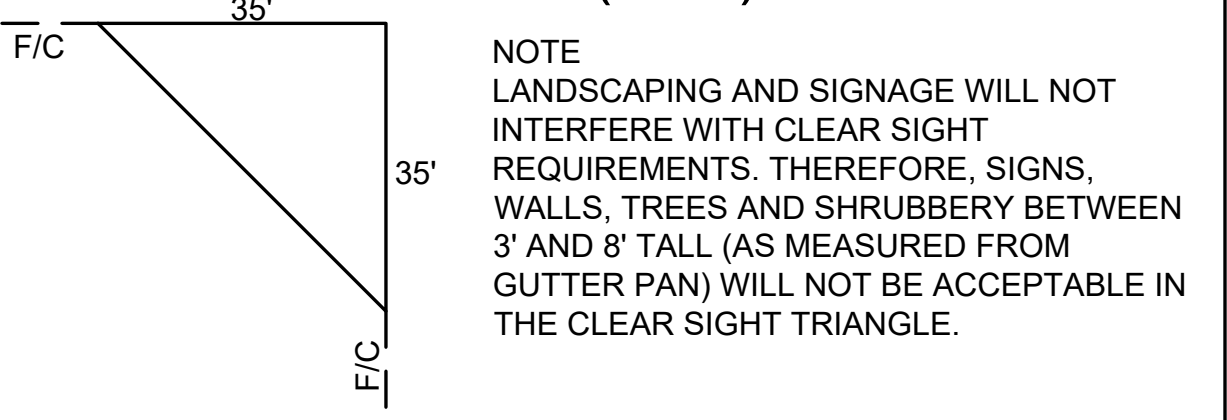


SIGHT TRIANGLE (TYP)



PROJECT NO. _____
APPLICATION NO. _____

THIS PLAN IS CONSISTENT WITH THE SPECIFIC SITE DEVELOPMENT PLAN APPROVED BY THE EPC, DATED _____ AND THE FINDINGS AND CONDITIONS IN THE OFFICIAL NOTIFICATION OF DECISION ARE SATISFIED.

IS AN INFRASTRUCTURE LIST REQUIRED () YES () NO
IF YES THEN A SET OF APPROVED DRC PLANS WITH A WORK ORDER IS REQUIRED FOR ANY CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY OR FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS.

DRB SITE DEVELOPMENT PLAN FOR BUILDING PERMIT:

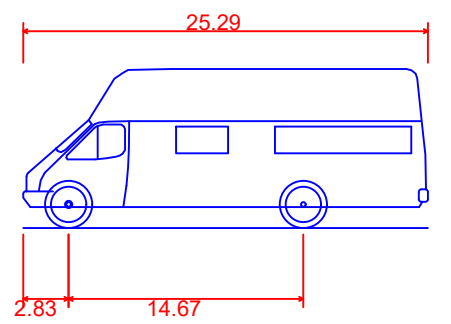
TRAFFIC ENGINEER, TRANSPORTATION DIVISION	DATE
ABCWUA	DATE
PARKS AND RECREATION DEPARTMENT	DATE
CITY ENGINEER/HYDROLOGY	DATE
CODE ENFORCEMENT	DATE
ENVIRONMENTAL HEALTH DEPARTMENT (CONDITIONAL)	DATE
SOLID WASTE	DATE
DRB CHAIRPERSON, ALBUQUERQUE PLANNING DEPARTMENT	DATE
ENVIRONMENTAL HEALTH, IF NECESSARY	DATE



8131 METCALF
SUITE 300
OVERLAND PARK, KS 66204
www.brrarch.com
TEL: 913-262-9095
FAX: 913-262-9044



ENGINEER OF RECORD: CALEB FLAKE
1700 SWIFT STREET
SUITE 100
NORTH KANSAS CITY, MO 64116
www.mccresults.com
TEL: 816-756-0444
FAX: 816-756-1763



Ford-E450
Overall Length 25.290ft
Overall Width 7.750ft
Overall Body Height 9.941ft
Min Body Ground Clearance 1.312ft
Track Width 9.750ft
Lock-to-lock time 6.00s
Wall to Wall Turning Radius 34.300ft

THE ABOVE VEHICLE WILL BE THE LARGEST VEHICLE TO ENTER AND EXIT THE SITE THROUGH THE BLUEWATER DR. ENTRANCE. THE AIRPORT DR. ENTRANCE HAS BEEN DESIGNED TO ALLOW A FIRE TRUCK TO ENTER PER THE FIRE 1 PLAN. THE EXISTING WESTERN ENTRANCE ON MERIDIAN PLACE IS DESIGNED FOR WB-67 ACCESS AND SHALL RETAIN THIS TRAFFIC SIZE.

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Revisions

NO.	DATE	DESCRIPTION

WAQ1 - Albuquerque, NM

WAQ1 - Albuquerque, NM
7300 Meridian Pl NW
Albuquerque, NM 87121

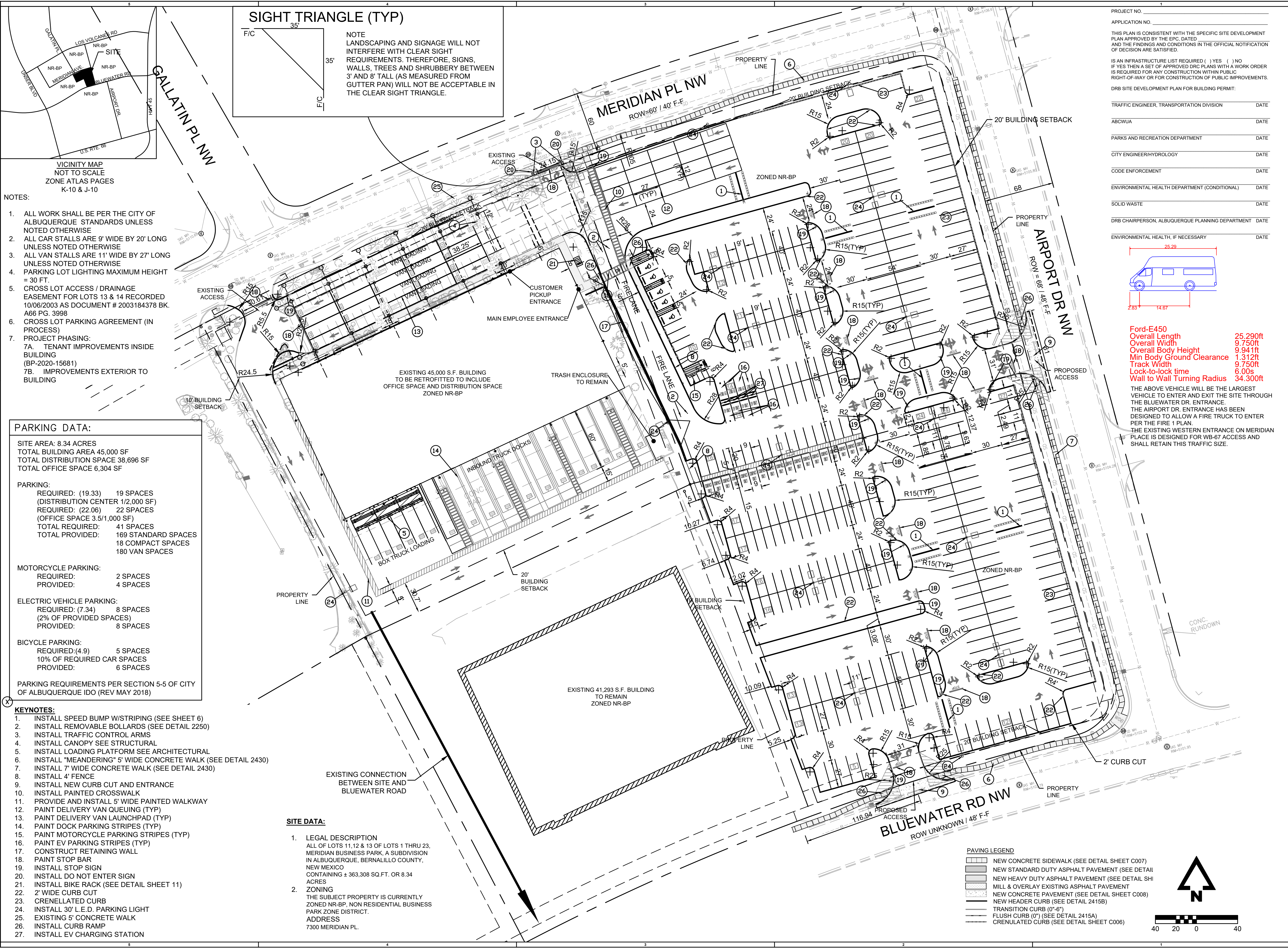
Project Manager:
CJF
Checked By:
MVE
Drawn by:
ELM
Document date:
09/29/2020

Project No.
30000481 MEC# 191313-000

Professional Seal



Sheet Title
SITE PLAN
Sheet No.
SPBP_001



- NOTES:
- ALL WORK SHALL BE PER THE CITY OF ALBUQUERQUE STANDARDS UNLESS NOTED OTHERWISE
 - ALL CAR STALLS ARE 9' WIDE BY 20' LONG UNLESS NOTED OTHERWISE
 - ALL VAN STALLS ARE 11' WIDE BY 27' LONG UNLESS NOTED OTHERWISE
 - PARKING LOT LIGHTING MAXIMUM HEIGHT = 30 FT.
 - CROSS LOT ACCESS / DRAINAGE EASEMENT FOR LOTS 13 & 14 RECORDED 10/06/2003 AS DOCUMENT # 2003184378 BK. A66 PG. 3998
 - CROSS LOT PARKING AGREEMENT (IN PROCESS)
 - PROJECT PHASING:
7A. TENANT IMPROVEMENTS INSIDE BUILDING (BP-2020-15681)
7B. IMPROVEMENTS EXTERIOR TO BUILDING

PARKING DATA:

SITE AREA: 8.34 ACRES
TOTAL BUILDING AREA 45,000 SF
TOTAL DISTRIBUTION SPACE 38,696 SF
TOTAL OFFICE SPACE 6,304 SF

PARKING:
REQUIRED: (19.33) 19 SPACES (DISTRIBUTION CENTER 1/2,000 SF)
REQUIRED: (22.06) 22 SPACES (OFFICE SPACE 3.5/1,000 SF)
TOTAL REQUIRED: 41 SPACES
TOTAL PROVIDED: 169 STANDARD SPACES
18 COMPACT SPACES
180 VAN SPACES

MOTORCYCLE PARKING:
REQUIRED: 2 SPACES
PROVIDED: 4 SPACES

ELECTRIC VEHICLE PARKING:
REQUIRED: (7.34) 8 SPACES (2% OF PROVIDED SPACES)
PROVIDED: 8 SPACES

BICYCLE PARKING:
REQUIRED: (4.9) 5 SPACES
10% OF REQUIRED CAR SPACES
PROVIDED: 6 SPACES

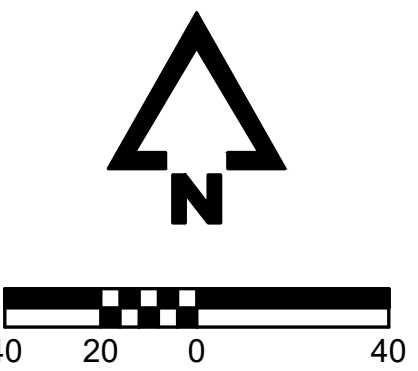
PARKING REQUIREMENTS PER SECTION 5-5 OF CITY OF ALBUQUERQUE IDO (REV MAY 2018)

- KEYNOTES:**
- INSTALL SPEED BUMP W/STRIPING (SEE SHEET 6)
 - INSTALL REMOVABLE BOLLARDS (SEE DETAIL 2250)
 - INSTALL TRAFFIC CONTROL ARMS
 - INSTALL CANOPY SEE STRUCTURAL
 - INSTALL LOADING PLATFORM SEE ARCHITECTURAL
 - INSTALL "MEANDERING" 5' WIDE CONCRETE WALK (SEE DETAIL 2430)
 - INSTALL 7' WIDE CONCRETE WALK (SEE DETAIL 2430)
 - INSTALL 4' FENCE
 - INSTALL NEW CURB CUT AND ENTRANCE
 - INSTALL PAINTED CROSSWALK
 - PROVIDE AND INSTALL 5' WIDE PAINTED WALKWAY
 - PAINT DELIVERY VAN QUEUING (TYP)
 - PAINT DELIVERY VAN LAUNCHPAD (TYP)
 - PAINT DOCK PARKING STRIPES (TYP)
 - PAINT MOTORCYCLE PARKING STRIPES (TYP)
 - PAINT EV PARKING STRIPES (TYP)
 - CONSTRUCT RETAINING WALL
 - PAINT STOP BAR
 - INSTALL STOP SIGN
 - INSTALL DO NOT ENTER SIGN
 - INSTALL BIKE RACK (SEE DETAIL SHEET 11)
 - 2' WIDE CURB CUT
 - CRENELLATED CURB
 - INSTALL 30' L.E.D. PARKING LIGHT
 - EXISTING 5' CONCRETE WALK
 - INSTALL CURB RAMP
 - INSTALL EV CHARGING STATION

- SITE DATA:**
- LEGAL DESCRIPTION
ALL OF LOTS 11, 12 & 13 OF LOTS 1 THRU 23, MERIDIAN BUSINESS PARK, A SUBDIVISION IN ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
CONTAINING ± 363,308 SQ.FT. OR 8.34 ACRES
 - ZONING
THE SUBJECT PROPERTY IS CURRENTLY ZONED NR-BP, NON RESIDENTIAL BUSINESS PARK ZONE DISTRICT.
ADDRESS
7300 MERIDIAN PL.

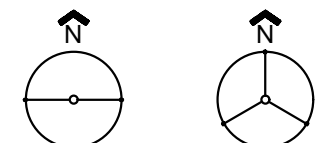
PAVING LEGEND

[Symbol]	NEW CONCRETE SIDEWALK (SEE DETAIL SHEET C007)
[Symbol]	NEW STANDARD DUTY ASPHALT PAVEMENT (SEE DETAIL SHEET C008)
[Symbol]	NEW HEAVY DUTY ASPHALT PAVEMENT (SEE DETAIL SHEET SHI)
[Symbol]	MILL & OVERLAY EXISTING ASPHALT PAVEMENT
[Symbol]	NEW CONCRETE PAVEMENT (SEE DETAIL SHEET C008)
[Symbol]	NEW HEADER CURB (SEE DETAIL 2415B)
[Symbol]	TRANSITION CURB (0'-6")
[Symbol]	FLUSH CURB (0") (SEE DETAIL 2415A)
[Symbol]	CRENELLATED CURB (SEE DETAIL SHEET C006)

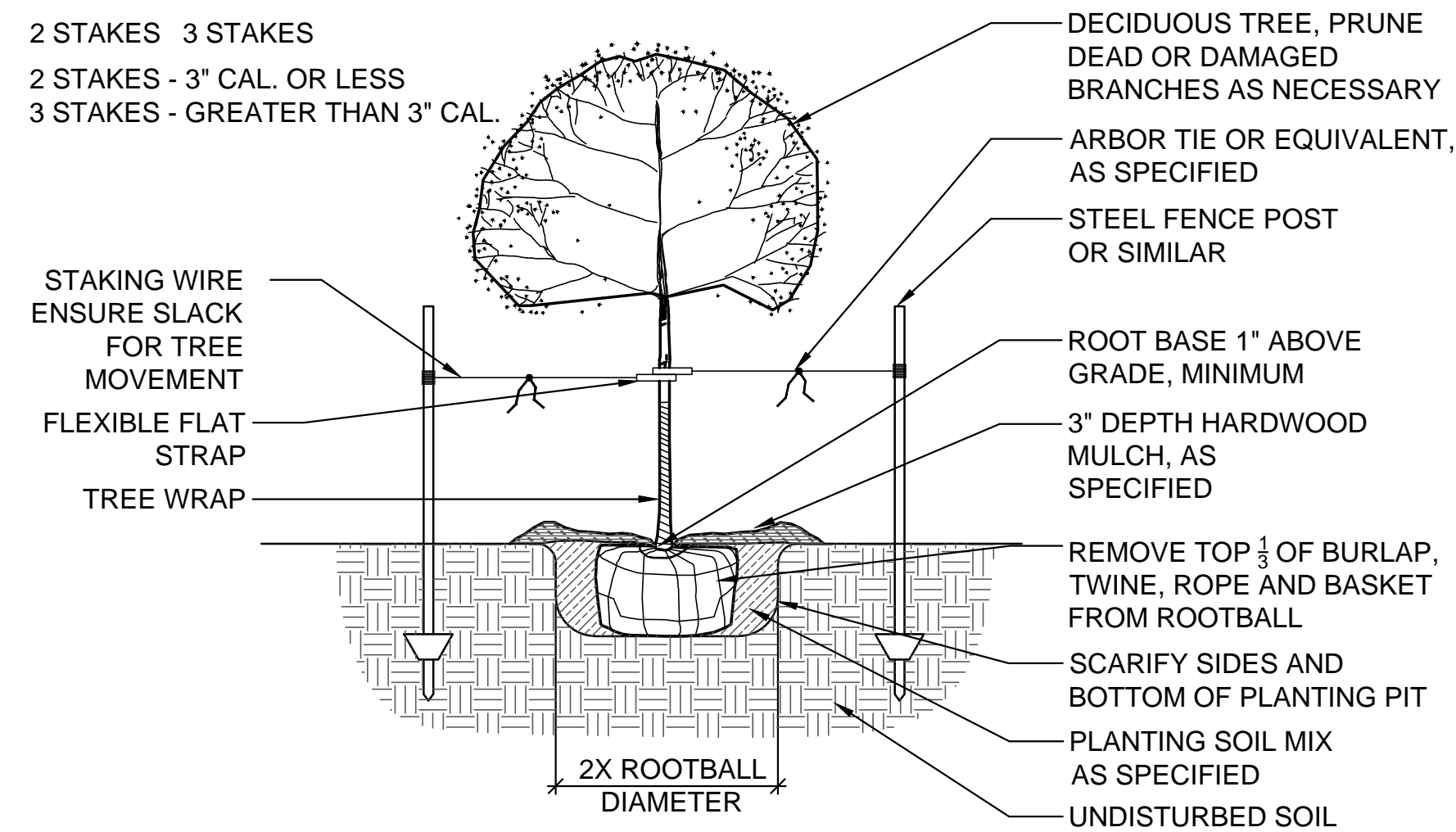


BY: PROGRERS P:\191313-000\06-DRAWINGS\CIVIL\SITE PLAN SHEETS\191313-000 SITE.DWG PLOT DATE: 11/12/2020 9:18 AM

STAKING ORIENTATION

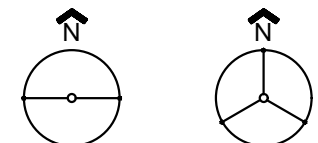


2 STAKES 3 STAKES
2 STAKES - 3" CAL. OR LESS
3 STAKES - GREATER THAN 3" CAL.

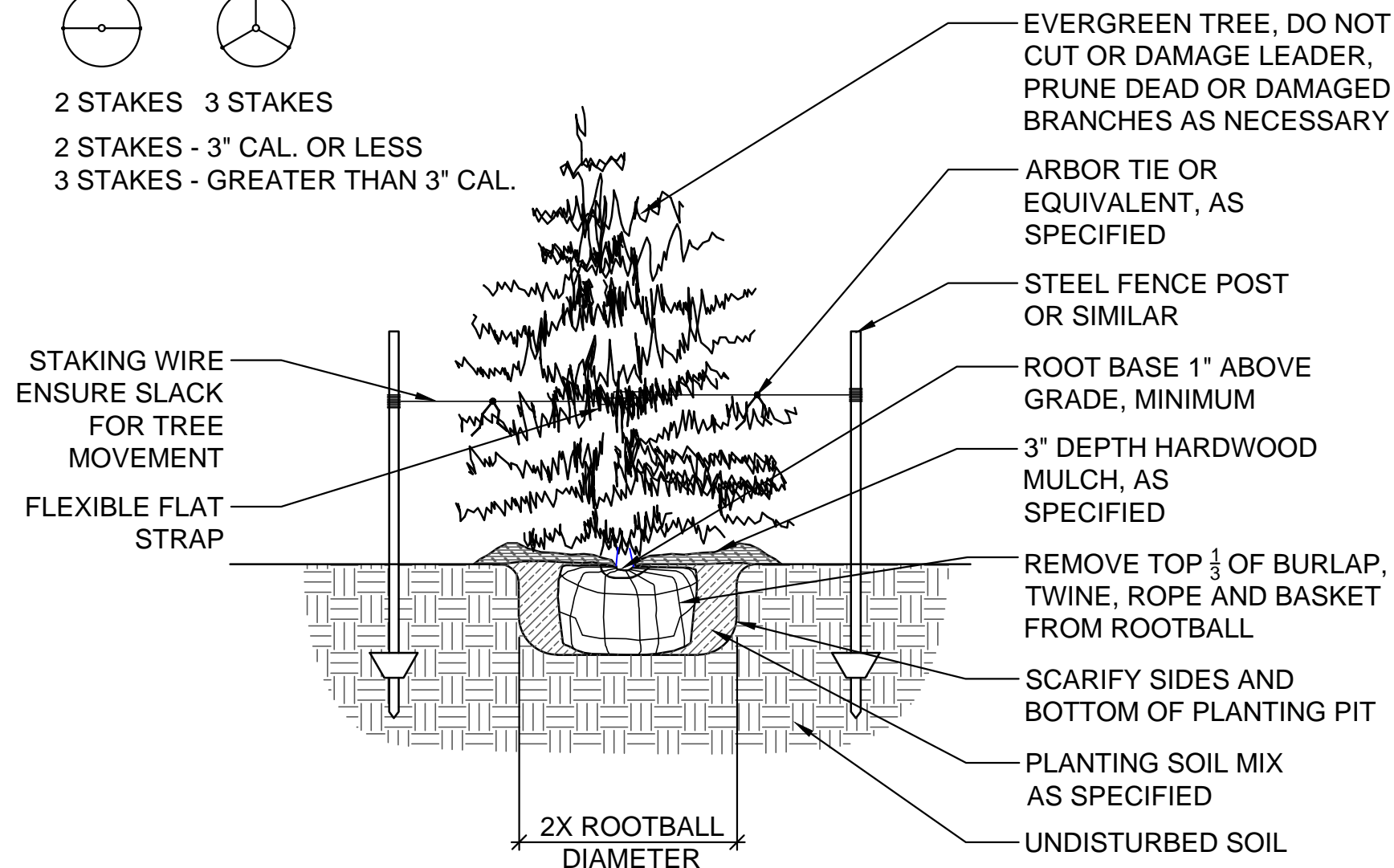


4 DECIDUOUS TREE PLANTING
1/2" = 1'-0"

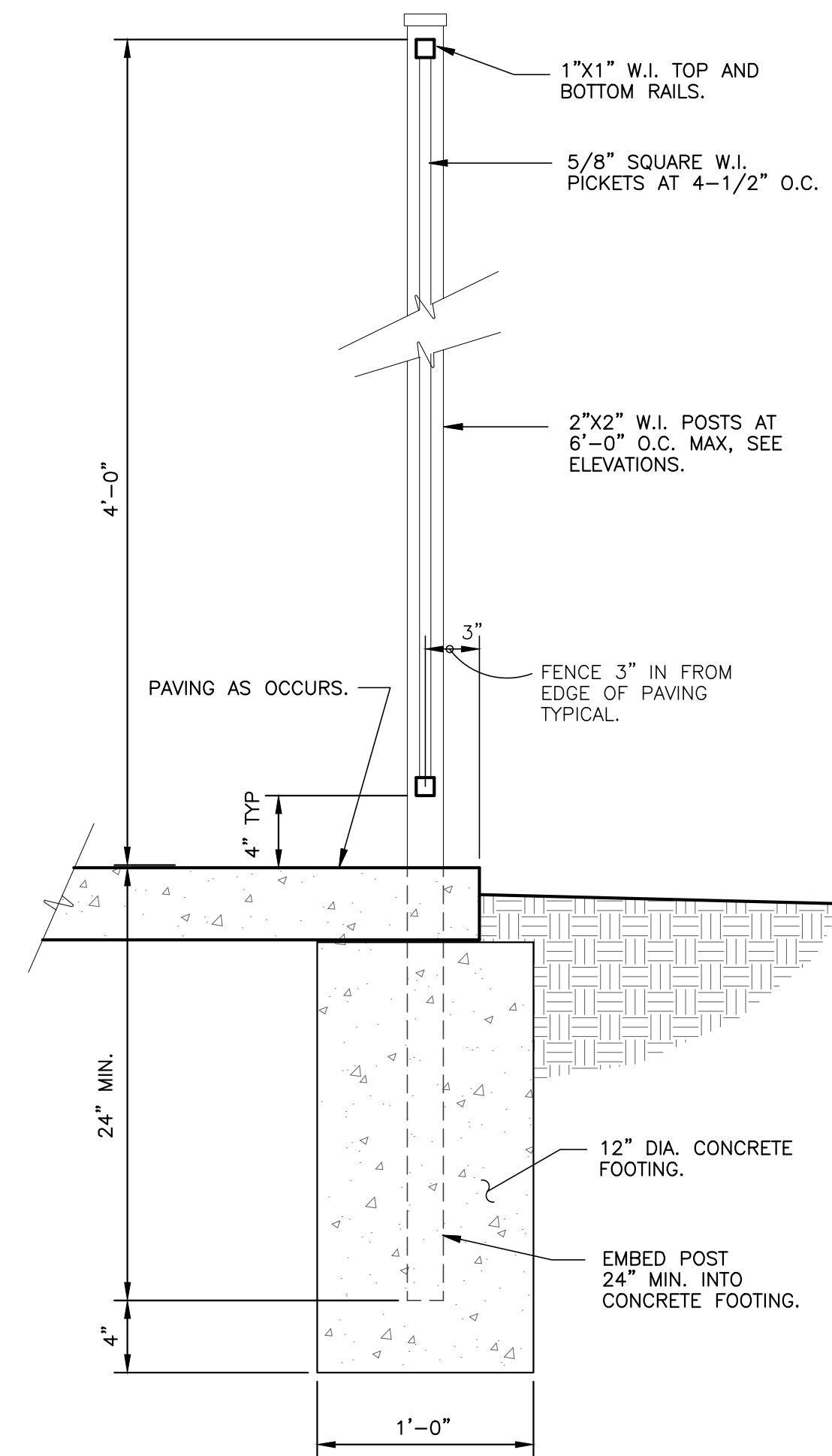
STAKING ORIENTATION



2 STAKES 3 STAKES
2 STAKES - 3" CAL. OR LESS
3 STAKES - GREATER THAN 3" CAL.



5 CONIFEROUS TREE PLANTING
1/2" = 1'-0"

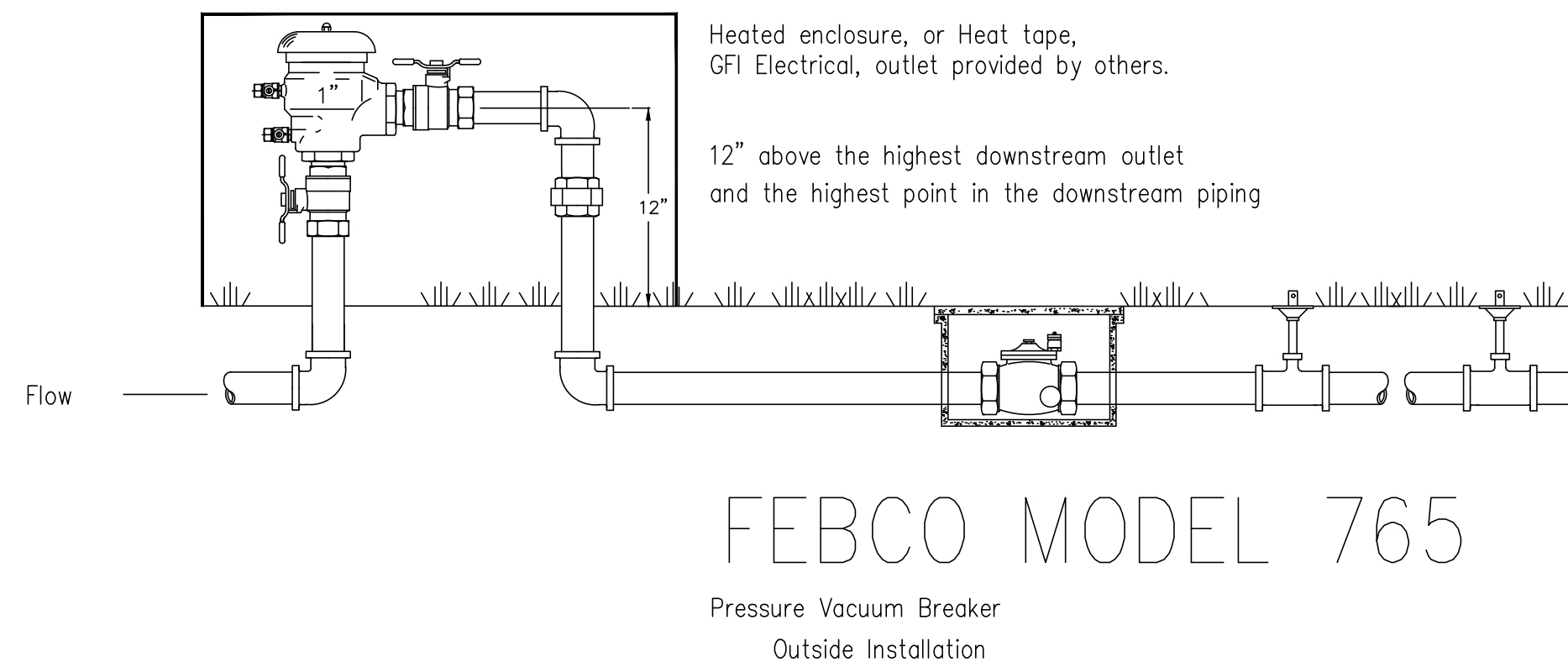


6 4FT WROUGHT IRON FENCE
1/2" = 1'-0"

PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE
	CR2	3	Cercis reniformis / Oklahoma Red Bud	B & B	1.5" Cal	
	JA	6	Juniperus deppeana / Alligator Juniper	B & B		6' Ht
	PE	5	Pinus eldarica / Afghan Pine	B & B		6' Ht
	PC	23	Pistacia chinensis / Chinese Pistache	B & B	2" Cal	
	QF	16	Quercus fusiformis / Texas Live Oak	B & B		6' Ht
	QS	12	Quercus shumardii / Shumard Red Oak	B & B	2" Cal	
	SD	17	Sapindus drummondii / Western Soapberry	B & B	2" Cal	
	UL	8	Ulmus parvifolia / Chinese Lacebark Elm	B & B	2" Cal	
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	CONT		
	AP	31	Arctostaphylos pungens / Point Leaf Manzanita	1 gal		
	BS2	33	Baccharis sarothroides / Desertbroom	1 gal		
	ET	11	Ericameria laricifolia / Turpentine Bush	1 gal		
	GH	86	Genista hispanica / Spanish Broom	1 gal		
GRASSES	CODE	QTY	BOTANICAL / COMMON NAME	CONT		
	MR	91	Muhlenbergia rigens / Deer Grass	1 gal		
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	CONT		
	RS	38,333 sf	Rock Mulch / Santa Fe Brown Crusher Fine/Approved Equal 3" Depth Min.	SF		
	RA	10,126 sf	Rock Mulch / Amaretto Brown 1" - 4" / Approved Equal 4" Depth Min.	SF		

1 PLANT SCHEDULE
NTS



FEBCO MODEL 765

Pressure Vacuum Breaker
Outside Installation

LANDSCAPE PLAN NOTES:

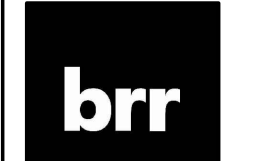
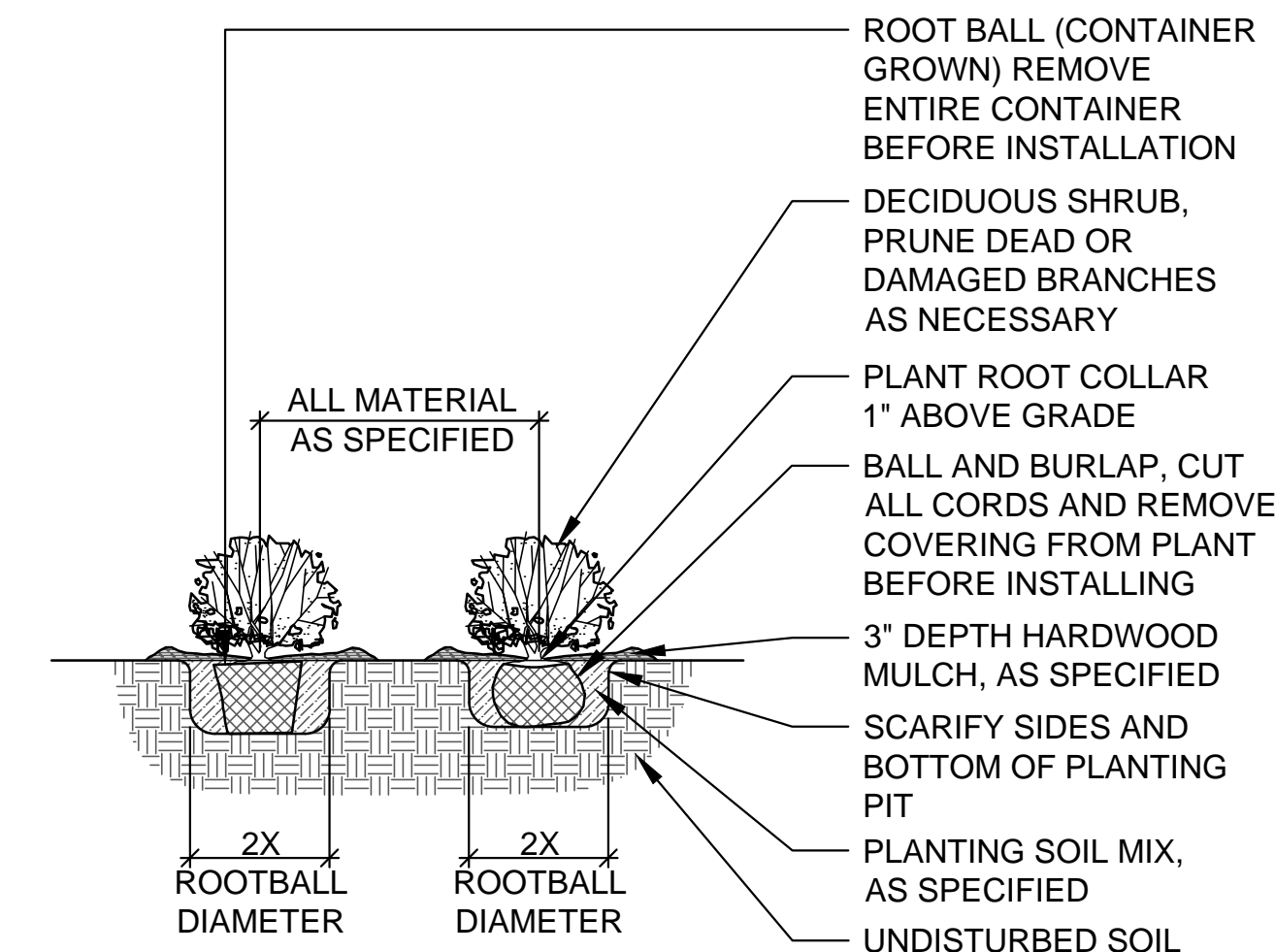
- THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES, IRRIGATION PIPING AND DRAINAGE STRUCTURES BEFORE COMMENCING WORK. INFORMATION SHOWN ON PLAN IS FROM AVAILABLE INFORMATION AND ALL LOCATIONS SHOWN SHOULD BE CONSIDERED APPROXIMATE. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE TO ANY OF THE PREVIOUSLY LISTED ITEMS.
- CONTRACTOR SHALL VERIFY ALL PLANT MATERIAL QUANTITIES PRIOR TO PLANTING. ANY DISCREPANCIES WITH THE PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. THE PLAN QUANTITIES SHALL SUPERCEDE SCHEDULED QUANTITIES.
- CONTRACTOR SHALL VERIFY ALL PLANT QUANTITIES SHOWN PRIOR TO PLANTING. QUANTITIES PROVIDED ARE FOR CONVENIENCE ONLY AND CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND INSTALLING THE QUANTITY OF PLANT MATERIALS SHOWN ON THE PLANS. ANY DISCREPANCIES SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT. ALL PLANT MATERIAL TO BE SPACED AS SHOWN, UNLESS OTHERWISE NOTED.
- LOCATION AND PLACEMENT OF ALL PLANT MATERIAL SHALL BE STAKED OR LAID OUT IN THE FIELD AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- NO SUBSTITUTION (INCL. CULTIVARS) SHALL BE ACCEPTED WITHOUT WRITTEN AUTHORIZATION FROM THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.
- ALL PLANT MATERIAL SHALL BE OF EXCELLENT QUALITY, FREE OF DISEASE & INFESTATION-TRUE TO TYPE, VARIETY, SIZE SPECIFIED, & FORM PER ANSA STANDARDS.

2 GENERAL NOTES
NTS

- ALL TREES & MULCH BEDS (UNLESS ROCK MULCH) SHALL RECEIVE 3" MIN. OF SHREDDED DARK BROWN PREMIUM HARDWOOD MULCH, AS DETAILED. ADD PREEN OR SNAPSHOT TO BEDS BEFORE & AFTER MULCHING FROM MARCH 1 TO OCTOBER 1. IF WINTER INSTALLATION, RETURN NEXT SPRING & INSTALL PREEN/SNAPSHOT WITH NEW MULCH.
- TREE TIES SHALL BE DEWITT 20' STRAPS FOR TREE STAKING. USE 10 GAUGE ELECTRIC WIRE. TREES AND STAKES SHALL BE STRAIGHT, PLUMB AND TAUT. TREE STAKES TO BE REMOVED WINTER OF YEAR 2 AFTER INSTALLATION.
- CONTRACTOR SHALL THOROUGHLY WATER-IN EACH PLANT IMMEDIATELY FOLLOWING INSTALLATION AND CONTINUE WATERING UNTIL SUBSTANTIAL COMPLETION. CONTRACTOR REQUIRED TO COORDINATE WATERING WITH THE OWNER AFTER SUBSTANTIAL COMPLETION.
- ALL AREAS OF THE SITE DISTURBED DURING CONSTRUCTION THAT ARE NOT DESIGNATED AS BEDS / PAVEMENT AREAS SHALL BE SODED WITH 90% TURF-TYPE TALL FESCUE AND 10% BLUEGRASS MIX SOD.
- ALL LANDSCAPED AND TURF AREAS SHALL BE IRRIGATED WITH AN AUTOMATED SYSTEM. THE CONTRACTOR SHALL PROVIDE A DESIGN TO COVER THE NEW LANDSCAPE AREAS WITH HEAD TO HEAD COVERAGE. ONLY RAINBIRD OR HUNTER IRRIGATION PARTS & EQUIPMENT ARE TO BE USED. DRIP IS PERMITTED. THE DESIGN SHALL PROVIDE ALL PIPES, HEADS, VALVES, CONTROLLER, WIRE, AND SLEEVES. SLEEVES SHALL BE INSTALLED BY THE GENERAL CONTRACTOR AND COORDINATED WITH THE LANDSCAPE / IRRIGATION CONTRACTOR. 4" PVC SLEEVES RECOMMENDED. PLACE SLEEVES AND MARK CLEARLY ABOVE GROUND FOR EASE OF FINDING. COORDINATE BACKFLOW, TAP & METER WITH THE GENERAL CONTRACTOR (GC) AND THE GC'S LICENSED PLUMBER. THE IRRIGATION DESIGN / SUBMITTALS SHALL BE SUBMITTED TO THE OWNER AND

- OWNER'S REPRESENTATIVE & LA FOR APPROVAL PRIOR TO ORDERING OR INSTALLING ANY MATERIALS FOR THE IRRIGATION SYSTEM. GC SHALL MAKE SURE THAT THE METER & BACKFLOW ARE COVERED IN THE BID, AS THE IRRIGATION CONTRACTOR IS LIKELY TO EXCLUDE THESE ITEMS FROM THE IRRIGATION BED. COORDINATE THESE ITEMS AND SLEEVES.
- NO TREES SHALL BE PLANTED OVER TOP OF ANY UTILITY LINES OR PIPES. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO PLANTING AND ANY MODIFICATIONS TO TREE LOCATIONS SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECT AND APPROVED BY THE CITY PRIOR TO PLANTING.
 - ALL PLANT MATERIALS AND IRRIGATION SYSTEM SHALL BE GUARANTEED FOR 1 YEAR FROM DATE OF SUBSTANTIAL COMPLETION, UNLESS OTHERWISE INDICATED IN THE SPECIFICATIONS. PLANT MATERIALS WILL BE ONE TIME REPLACEMENT AND RECORDS KEPT BY THE LANDSCAPE CONTRACTOR FOR ALL REPLACEMENTS.
 - CONTRACTOR SHALL REPORT SUBSURFACE SOIL OR DRAINAGE PROBLEMS TO THE LANDSCAPE ARCHITECT.
 - THIS LANDSCAPE PLAN IS DESIGNED TO BE IN CONFORMANCE WITH THE CITY OF ALBUQUERQUE, NEW MEXICO. THE LANDSCAPE ARCHITECT WILL COORDINATE CLOSELY WITH THE CITY OF ALBUQUERQUE, NEW MEXICO TO MAKE SURE FINAL DEVELOPMENT AND PERMIT PLANS ARE IN CONFORMANCE WITH THIS CODE.

3 SHRUB AND PERENNIAL PLANTING
1/2" = 1'-0"



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Revisions

NO.	DATE	DESCRIPTION

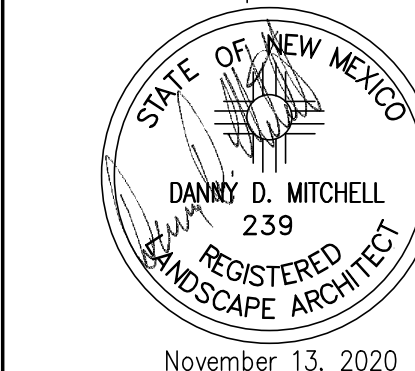
WAQ1 - Albuquerque, NM

WAQ1 - Albuquerque, NM
7300 Meridian Pl NW
Albuquerque, NM 87121

Project Manager:
CJF
Checked By:
GMP
Drawn by:
AJD
Document date:
08/18/2020

Project No.
3000481 MEC# 19133-000

Professional Seal
Landscape Architect



Sheet Title
LANDSCAPE NOTES AND DETAILS

Sheet No.
LAND_003

PLOT DATE: 11/13/2020 10:11 AM
P:\19133-000\03-CORRESPONDENCE\OUTSIDE DOCUMENTS\MITCHELL ASSOCIATES (LA)\19133-000 LDSP.DWG
BY: DANNY

SITE GRADING GENERAL NOTES

1. ALL ELEVATIONS SHOWN ARE TO FINISHED GRADE.
2. ALL GRADING OPERATIONS, EXCAVATION, FILL, COMPACTION TESTING, AND BACKFILL SHALL BE OBSERVED AND TESTED BY A QUALIFIED GEOTECHNICAL ENGINEER.
3. NO PAVEMENTS SHALL BE PLACED PRIOR TO APPROVAL OF THE SUBGRADE BY THE GEOTECHNICAL ENGINEER.
4. ALL FILL MATERIAL SHALL BE IN COMPLIANCE WITH THE PROJECT SPECIFICATIONS.
5. THE CONTRACTOR SHALL LEAVE ALL AREAS NOT TO RECEIVE PAVEMENT 6 INCHES BELOW THE FINISHED GRADE, TO ALLOW FOR TOPSOIL. SEE LANDSCAPE FOR ADDITIONAL REQUIREMENTS.
6. ALL GRADING OPERATIONS SHALL BE STAKED BY A REGISTERED CIVIL ENGINEER OR A LICENSED LAND SURVEYOR.
7. ALL ADA PARKING STALLS AND ACCESS AISLES, SHALL HAVE LESS THEN 2% IN ANY DIRECTION
8. ALL SIDEWALKS SHALL HAVE A CROSS SLOPE OF 1.5%. (2.0% MAX)
9. ALL BUILDING ENTRANCES SHALL HAVE A MINIMUM 5' LANDING WITH 1.5% SLOPE AWAY FROM THE BUILDING (2% MAX).

DRAINAGE PLAN

THE FOLLOWING ITEMS CONCERNING THE LOT 11 & LOT 12 MERIDIAN BUSINESS PARK GRADING AND DRAINAGE PLAN ARE CONTAINED BELOW:

1. VICINITY MAP
2. GRADING PLAN
3. CALCULATIONS

THE PROPOSED IMPROVEMENTS, AS SHOWN BY THE VICINITY MAP, ARE LOCATED ON THE SOUTH SIDE OF MERIDIAN PLACE NW, ON THE WEST SIDE OF AIRPORT DRIVE NW AND ON THE NORTH SIDE OF BLUEWATER ROAD NW. THE SITE IS UNDEVELOPED AND SLOPES FROM NORTH TO SOUTH AT AN APPROXIMATE SLOPE OF 0.5%. THE SITE IS NOT LOCATED WITHIN A FLOOD HAZARD ZONE ACCORDING TO EFFECTIVE MAPPING FROM F.E.M.A.

THE MASTER DRAINAGE PLAN FOR THIS SUBDIVISION WAS PREPARED BY EASTERLING AND ASSOCIATES. THIS PLAN ESTABLISHED A MAXIMUM SITE DISCHARGE RATE OF 0.10 CFS/ACRE AND REQUIRES TEMPORARY DIVERSION DITCHES AND PONDS TO CONTROL THE RUNOFF GENERATED FROM EACH LOT.

THE SITE IS BOUNDED ON THREE (3) SIDES BY PUBLIC RIGHT-OF-WAY, AND ON THE FOURTH SIDE BY PREVIOUSLY DEVELOPED SITES (INCLUDING LOT 13, FOR WHICH THE PARKING LOT IMPROVEMENTS ARE BEING DEVELOPED). THEREFORE, OFF-SITE FLOWS ARE NOT CONSIDERED SIGNIFICANT.

THE GRADING PLAN SHOWS:

1. THE EXISTING AND PROPOSED GRADES, INDICATED BY CONTOURS AT 0.5' INTERVALS (REFERENCE GENERAL NOTE ON THIS SHEET REGARDING STATE OF SURVEY AT THE TIME OF SUBMITTAL).
2. CONTINUITY BETWEEN EXISTING AND PROPOSED ELEVATIONS.
3. THE LIMIT AND CHARACTER OF EXISTING IMPROVEMENTS, AND
4. THE LIMIT AND CHARACTER OF PROPOSED IMPROVEMENTS.

THE PROPOSED IMPROVEMENTS CONSIST OF PARKING AND ASSOCIATED LANDSCAPING ON LOTS 11 & 12 AS WELL AS TENANT IMPROVEMENTS TO LOT 13 (INCLUDING CANOPIES ON THE NORTH AND SOUTH SIDE OF THE EXISTING BUILDING). THE RUNOFF FROM LOTS 11 & 12 INTO THE NORTHERN AND SOUTHERN PONDS. THE NORTHERN PONDS ARE DIVIDED INTO SUB-PONDS (N-1, N-2, N-3, N-4 & N-5) AND THE SOUTHERN PONDS ARE DIVIDED INTO SUB-PONDS (S-1, S-2, S-3 & S-4). EACH POND IS LOCATED WITHIN DEPRESSED ISLANDS WITHIN THE PARKING AREAS, AND WILL EVENTUALLY DISCHARGE INTO PUBLIC STORM SEWERS ALONG MERIDIAN PLACE NW (NORTHERN PONDS) AND BLUEWATER ROAD NW (SOUTHERN PONDS). THE RESPECTIVE RATES OF DISCHARGE FOR THE ACCUMULATED NORTHERN AND SOUTHERN PONDS ARE 0.26 AND 0.26 (BOTH OF WHICH ARE LESS THAN THE 0.1 CFS/ACRE REQUIREMENT PER THE MASTER PLAN).

THE CALCULATIONS ANALYZE THE EXISTING AND PROPOSED CONDITIONS FOR THE 6-HOUR, 100 YEAR RAINFALL EVENT. PER DISCUSSIONS WITH CITY, THE ANALYSIS IS IN ACCORDANCE WITH CHAPTER 6-"DRAINAGE, FLOOD CONTROL AND EROSION CONTROL" DEVELOPMENT PROCESS MANUAL AS SHOWN BY THESE CALCULATIONS. THE RATE AND VOLUME OF RUNOFF WILL INCREASE BUT THE POND(S) WITH CONTROLLED OUTLETS WILL MITIGATE THE INCREASE. THIS PLAN IS IN CONFORMANCE WITH THE MASTER DRAINAGE PLAN.

CALCULATIONS

PRECIPITATION ZONE 1

TOTAL SITE AREA (NORTHERN) = 2.65 ACRES, TOTAL SITE AREA (SOUTHERN) = 2.76 ACRES

NORTHERN BASIN AREA = 2.65 ACRES

EXISTING CONDITIONS

LAND TREATMENT A = 100%
 EQN 6.1: $E = (0.55^2/2.76)/2.65 = 0.55$ INCHES
 EQN 6.2: $V_{360} = (0.55^2/12) = 0.122$ ACRE FEET
 EQN 6.6: $Q_p = (1.54^2/65) = 4.08$ CFS

PROPOSED CONDITIONS

LAND TREATMENT B = 82.8% (2.19 ACRES), D = 17.2% (0.46 ACRES)
 EQN 6.1: $E = (0.93^2/0.46) + (2.24^2/19)/2.65 = 2.01$ INCHES
 EQN 6.2: $V_{360} = (2.01^2/65)/12 = 0.444$ ACRE FEET
 EQN 6.6: $Q_p = (2.16^2/46) + (4.12^2/19) = 10.02$ CFS

INCREASE IN VOLUME OF RUNOFF = 0.322 ACRE FEET

INCREASE IN RATE OF RUNOFF = 5.94 CFS

POND VOLUME (NORTHERN BASINS)

$T_c = 0.2$ HR, $A_d = 2.43$ ACRES, $A_t = 2.65$ ACRES, $0.25(A_d/A_t) = 0.229$ HR
 $T_b = 2.107^*E^*(A_t/Q_p) - 0.25(A_d/A_t) = 0.891$ HR
 $T_p = (0.7^*T_c) + ((1.6^*(A_d/A_t))/12) = 0.197$ HR
 $V_{required} = 19,776$ CF

POND VOLUME AND DISCHARGES

POND 1 VOLUME = 1,631.26 CF, 0.76" ORIFICE (AREA = 0.0032 SF), OUTFLOW = 0.6 (0.0032) [SQ(2^32.2^3.23)] = 0.0273 CFS
 POND 2 VOLUME = 1,872.21 CF, 0.76" ORIFICE (AREA = 0.0032 SF), OUTFLOW = 0.6 (0.0032) [SQ(2^32.2^2.84)] = 0.0265 CFS
 POND 3 VOLUME = 780.51 CF, 0.76" ORIFICE (AREA = 0.0032 SF), OUTFLOW = 0.6 (0.0032) [SQ(2^32.2^2.73)] = 0.0251 CFS
 POND 4 VOLUME = 665.13 CF, 0.76" ORIFICE (AREA = 0.0032 SF), OUTFLOW = 0.6 (0.0032) [SQ(2^32.2^3.16)] = 0.0270 CFS
 POND 5 VOLUME = 794.46 CF, 0.76" ORIFICE (AREA = 0.0032 SF), OUTFLOW = 0.6 (0.0032) [SQ(2^32.2^2.69)] = 0.0249 CFS
 POND 6 VOLUME = 702.28 CF, 0.76" ORIFICE (AREA = 0.0032 SF), OUTFLOW = 0.6 (0.0032) [SQ(2^32.2^2.74)] = 0.0251 CFS
 POND 7 VOLUME = 1,960.70 CF, 0.76" ORIFICE (AREA = 0.0032 SF), OUTFLOW = 0.6 (0.0032) [SQ(2^32.2^3.06)] = 0.0265 CFS
 POND 14 VOLUME = 4,851.20 CF, 0.76" ORIFICE (AREA = 0.0032 SF), OUTFLOW = 0.6 (0.0032) [SQ(2^32.2^3.23)] = 0.0273 CFS
 POND 15 VOLUME = 1,641.11 CF, 0.76" ORIFICE (AREA = 0.0032 SF), OUTFLOW = 0.6 (0.0032) [SQ(2^32.2^2.36)] = 0.0233 CFS
 POND 16 VOLUME = 808.30 CF, 0.76" ORIFICE (AREA = 0.0032 SF), OUTFLOW = 0.6 (0.0032) [SQ(2^32.2^2.55)] = 0.0242 CFS

TOTAL OUTFLOW = 0.2561 CFS, ALLOWABLE OUTFLOW = 2.65^0.1 = 0.265 CFS

SOUTHERN BASIN AREA = 2.76 ACRES

EXISTING CONDITIONS

LAND TREATMENT A = 100%
 EQN 6.1: $E = (0.55^2/2.76)/2.65 = 0.55$ INCHES
 EQN 6.2: $V_{360} = (0.55^2/12) = 0.122$ ACRE FEET
 EQN 6.6: $Q_p = (1.54^2/76) = 4.25$ CFS

PROPOSED CONDITIONS

LAND TREATMENT B = 82.8% (2.29 ACRES), D = 17.2% (0.47 ACRES)
 EQN 6.1: $E = (0.93^2/0.47) + (2.24^2/29)/2.76 = 2.02$ INCHES
 EQN 6.2: $V_{360} = (2.02^2/65)/12 = 0.465$ ACRE FEET
 EQN 6.6: $Q_p = (2.16^2/47) + (4.12^2/29) = 10.45$ CFS

INCREASE IN VOLUME OF RUNOFF = 0.338 ACRE FEET

INCREASE IN RATE OF RUNOFF = 6.20 CFS

POND VOLUME (SOUTHERN BASINS)

$T_c = 0.2$ HR, $A_d = 2.53$ ACRES, $A_t = 2.76$ ACRES, $0.25(A_d/A_t) = 0.229$ HR
 $T_b = 2.107^*E^*(A_t/Q_p) - 0.25(A_d/A_t) = 0.895$ HR
 $T_p = (0.7^*T_c) + ((1.6^*(A_d/A_t))/12) = 0.197$ HR
 $V_{required} = 20,700$ CF

POND VOLUME AND DISCHARGES

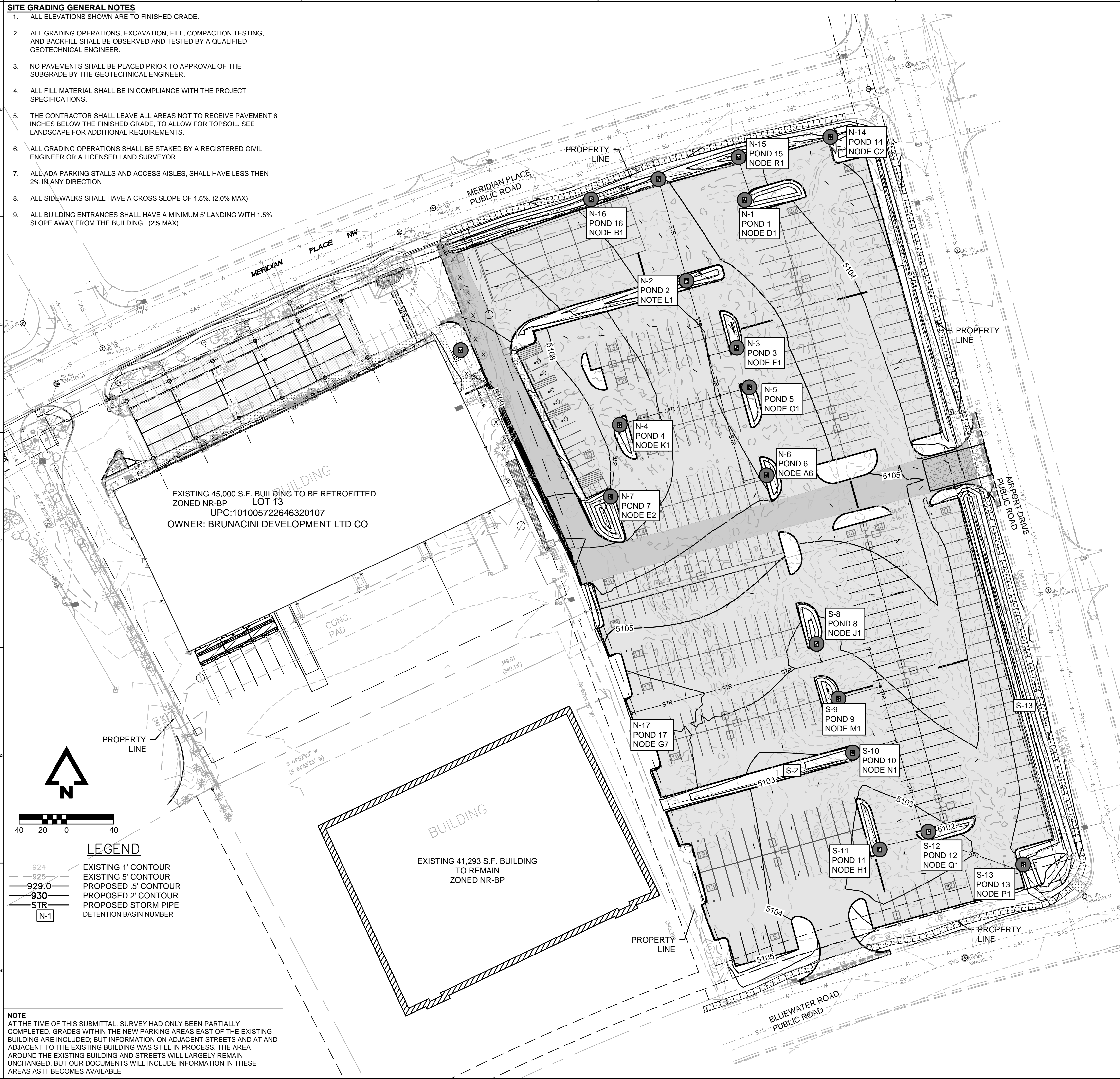
POND 8 VOLUME = 1,352.11 CF, 0.95" ORIFICE (AREA = 0.0049 SF), OUTFLOW = 0.6 (0.0049) [SQ(2^32.2^3.42)] = 0.0438 CFS
 POND 9 VOLUME = 1,171.28 CF, 0.95" ORIFICE (AREA = 0.0049 SF), OUTFLOW = 0.6 (0.0049) [SQ(2^32.2^3.92)] = 0.0469 CFS
 POND 10 VOLUME = 2,524.64 CF, 0.95" ORIFICE (AREA = 0.0049 SF), OUTFLOW = 0.6 (0.0049) [SQ(2^32.2^2.47)] = 0.0372 CFS
 POND 11 VOLUME = 4,354.06 CF, 0.95" ORIFICE (AREA = 0.0049 SF), OUTFLOW = 0.6 (0.0049) [SQ(2^32.2^2.90)] = 0.0404 CFS
 POND 12 VOLUME = 4,460.13 CF, 0.95" ORIFICE (AREA = 0.0049 SF), OUTFLOW = 0.6 (0.0049) [SQ(2^32.2^2.87)] = 0.0402 CFS
 POND 13 VOLUME = 10,915.17 CF, 0.72" ORIFICE (AREA = 0.0028 SF), OUTFLOW = 0.6 (0.0028) [SQ(2^32.2^4.52)] = 0.0289 CFS
 POND 17 VOLUME = 1,860.71 CF, 0.95" ORIFICE (AREA = 0.0049 SF), OUTFLOW = 0.6 (0.0049) [SQ(2^32.2^2.57)] = 0.0380 CFS

TOTAL OUTFLOW = 0.2755 CFS, ALLOWABLE OUTFLOW = 2.76^0.1 = 0.276 CFS

TOTAL VOLUME

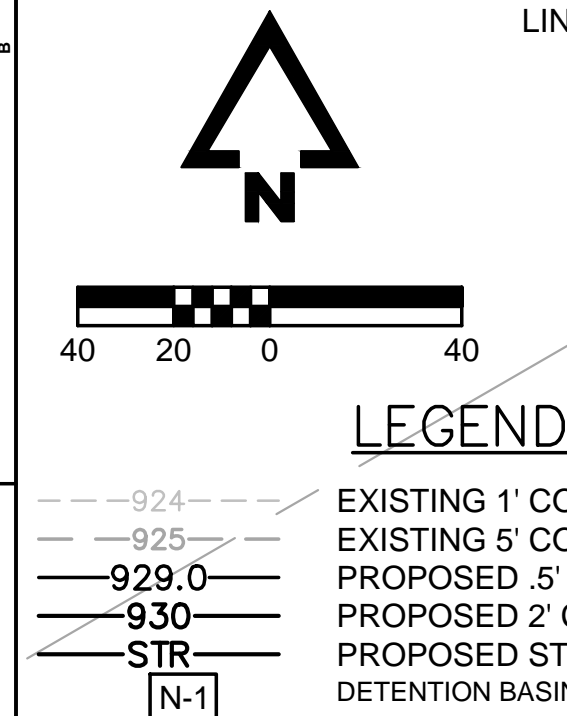
TOTAL VOLUME PROVIDED (NORTH AND SOUTH BASINS) = 42,345.26 CF

TOTAL VOLUME REQUIRED (NORTH AND SOUTH BASINS) = 40,446.00 CF



EXISTING 45,000 S.F. BUILDING TO BE RETROFITTED
 ZONED NR-BP LOT 13
 UPC:101005722646320107
 OWNER: BRUNACINI DEVELOPMENT LTD CO

EXISTING 41,293 S.F. BUILDING
 TO REMAIN
 ZONED NR-BP



NOTE
 AT THE TIME OF THIS SUBMITTAL, SURVEY HAD ONLY BEEN PARTIALLY COMPLETED. GRADES WITHIN THE NEW PARKING AREAS EAST OF THE EXISTING BUILDING ARE INCLUDED, BUT INFORMATION ON ADJACENT STREETS AND AT ADJACENT TO THE EXISTING BUILDING WAS STILL IN PROCESS. THE AREA AROUND THE EXISTING BUILDING AND STREETS WILL LARGELY REMAIN UNCHANGED, BUT OUR DOCUMENTS WILL INCLUDE INFORMATION IN THESE AREAS AS IT BECOMES AVAILABLE

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NO.	DATE	DESCRIPTION

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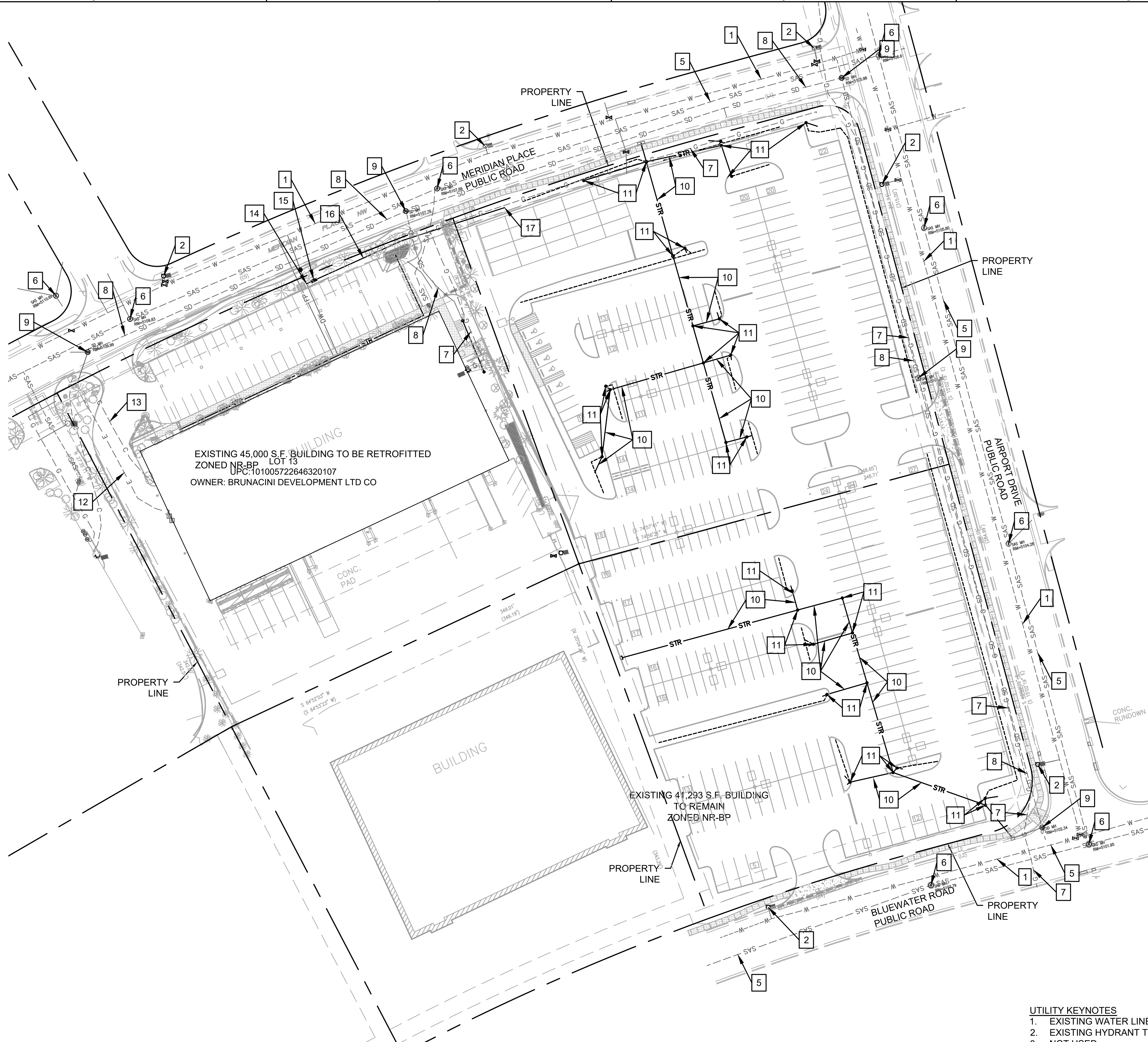
WAQ1 - Albuquerque, NM
 7300 Meridian Pl NW
 Albuquerque, NM 87121

Project Manager:
 C/JF
 Checked by:
 MVE
 Drawn by:
 ELM
 Document date:
 08/18/2020
 Project No.
 30000481 MEC# 191313-000
 Professional Seal
 CALEB J. FLAKE
 NEW MEXICO
 24114
 REGISTERED PROFESSIONAL ENGINEER
 11/12/2020

Sheet Title
STORM SEWER CALC SHEET
 Sheet No.
C3.06

BY: KHANSON
 PLOT DATE: 11/10/2020 11:47 AM
 \\MCE\CNC\PRJ\01\PROJECTS\191313-000\06-DRAWINGS\CIVIL\SITE PLAN SHEETS\191313-000 GRAD.DWG

BY: PROGRS PLOT DATE: 11/12/2020 9:19 AM
 P:\191313-000\06-DRAWINGS\CIVIL\SITE PLAN SHEETS\191313-000 UTIL.DWG



EXISTING 45,000 S.F. BUILDING TO BE RETROFITTED
 ZONED NR-BP LOT 13
 UPC: 101005722646320107
 OWNER: BRUNACINI DEVELOPMENT LTD CO

EXISTING 41,293 S.F. BUILDING TO REMAIN
 ZONED NR-BP

UTILITY GENERAL NOTES

- PRIOR TO BEGINNING CONSTRUCTION, LOCATION OF SITE UTILITIES SHALL BE VERIFIED BY CONTACTING THE PROPER UTILITY COMPANY PROVIDING SERVICE, BY CONTACTING THE LOCAL ONE-CALL SERVICE OR BY CALLING 811.
- UTILITY CONTRACTOR SHALL PROVIDE 2'x 2'x 8" THICK CONCRETE APRON AT ALL CLEANOUTS OUTSIDE OF BUILDING.
- UTILITY CONTRACTOR WILL BE RESPONSIBLE FOR ALL TAP AND TIE ON FEES REQUIRED, AS WELL AS COST OF UNDERGROUND SERVICE CONNECTIONS TO THE BUILDING.
- ELECTRICAL SERVICE FROM PAD MOUNTED TRANSFORMER TO THE BUILDING SHALL BE RUN UNDERGROUND. ASSOCIATED COST BY UTILITY CONTRACTOR. ALL SITE ELECTRICAL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF ELECTRICAL COMPANY'S STANDARDS.
- DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPE OR FITTING.
- ALL WATER AND SANITARY SEWER LEADS TO BUILDING SHALL END 5' OUTSIDE THE BUILDING LIMITS.
- ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS AND THE SPECIFICATIONS.
- UTILITY CONTRACTOR SHALL HAVE APPROVAL OF ALL GOVERNING AGENCIES HAVING JURISDICTION OVER UTILITIES SHOWN HEREON PRIOR TO INSTALLATION.
- ALL WORK SHOWN ON THIS PLAN SHALL BE DONE IN STRICT ACCORDANCE WITH THE SPECIFICATIONS.
- REFER TO PLUMBING SHEETS FOR LOCATION OF SEWER AND DOMESTIC WATER CONNECTIONS.
- CONNECTION TO THE GAS MAIN AND INSTALLATION OF THE GAS METER SHALL BE DONE BY THE GAS SERVICE PROVIDER. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION.
- CONNECTION TO THE EXISTING WATER MAIN SHALL BE DONE BY THE CITY WATER DEPARTMENT. CONTRACTOR SHALL CONTACT THE CITY TO COORDINATE AND SCHEDULE THE CONNECTIONS.

UTILITY KEYNOTES

- EXISTING WATER LINE TO REMAIN
- EXISTING HYDRANT TO REMAIN
- NOT USED
- NOT USED
- EXISTING SANITARY LINE TO REMAIN
- EXISTING SANITARY MANHOLE TO REMAIN
- EXISTING GAS LINE TO REMAIN
- EXISTING STORM LINE TO REMAIN
- EXISTING STORM STRUCTURE TO REMAIN
- PROPOSED STORM LINE
- PROPOSED STORM STRUCTURE
- EXISTING ELECTRICAL LINE TO REMAIN
- EXISTING COMMUNICATION LINE TO REMAIN
- CONNECT NEW IRRIGATION LINE TO EXISTING IRRIGATION LINE SOUTH OF WATER METER.
- INSTALL BACK FLOW PREVENTER
- INSTALL NEW IRRIGATION LINE.
- INSTALL TEMPORARY CAP. (IRRIGATION CONTRACTOR TO DESIGN AND INSTALL IRRIGATION BY SEPARATE PLANS.)

THERE ARE NO PROPOSED PUBLIC WATER OR SANITARY SEWER UTILITIES IN THE SCOPE OF THIS WORK. ALL PROPOSED UTILITIES ARE PRIVATE.

LEGEND

— W —	APPROX. LOCATION EXISTING WATER MAIN
— FP —	APPROX. LOCATION EXISTING FIRE PROTECTION LINE
— DW —	APPROX. LOCATION EXISTING DOMESTIC WATER LINE
- SD - - - - SD - - - -	APPROX. LOCATION EXISTING STORM SEWER
- SAS - - - - SAS - - - -	APPROX. LOCATION EXISTING SANITARY SEWER
- C - - - - C - - - -	APPROX. LOCATION EXISTING TELEPHONE LINE
- E - - - - E - - - -	APPROX. LOCATION EXISTING ELECTRIC LINE
- G - - - - G - - - -	APPROX. LOCATION EXISTING GAS LINE
— STR —	PROPOSED STORM SEWER



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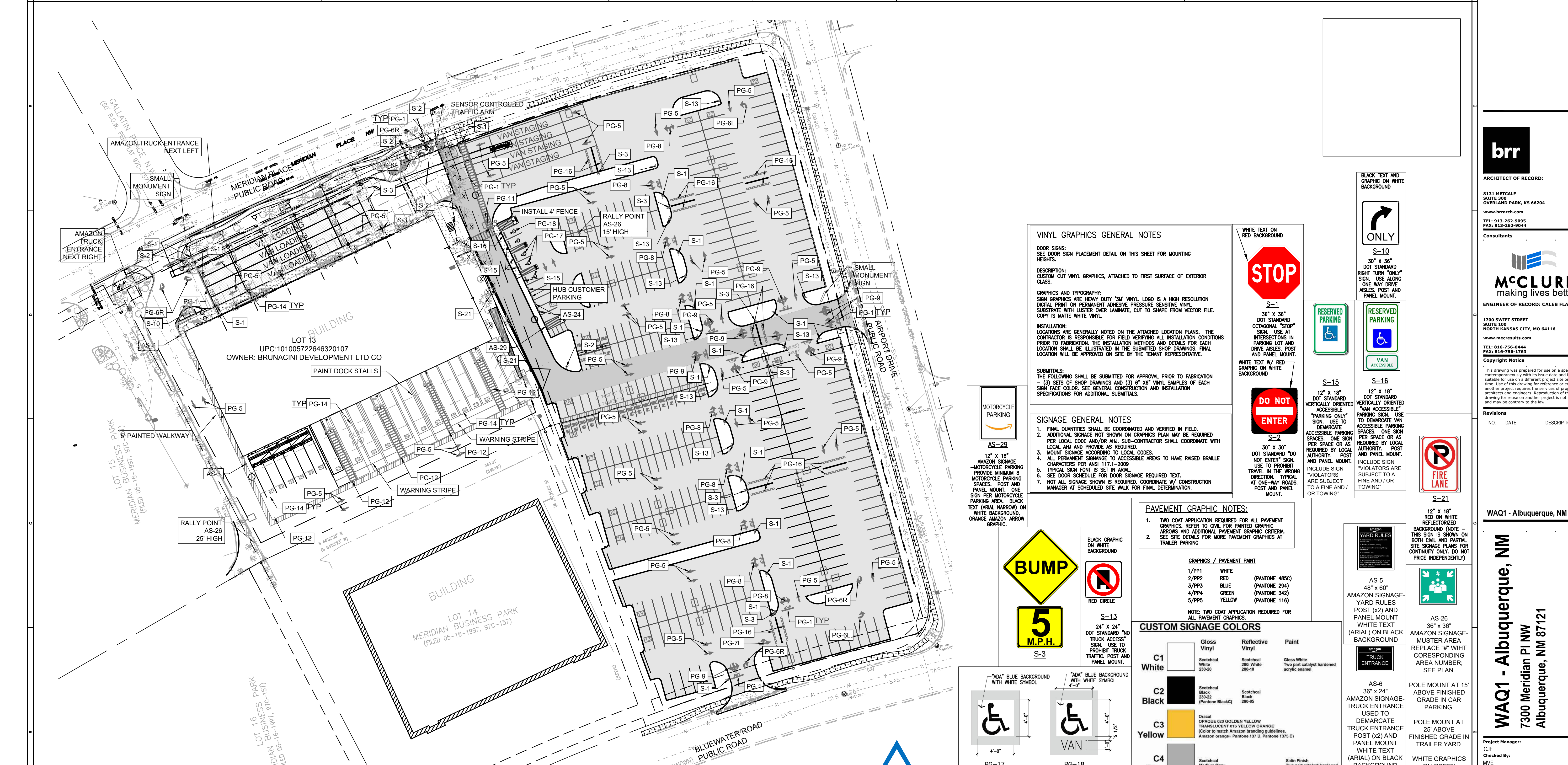
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 7300 Meridian Pl NW
 Albuquerque, NM 87121

Project Manager:
 CJF
 Checked By:
 MVE
 Drawn by:
 ELM
 Document date:
 08/18/2020
 Project No.
 30000481 MEC# 191313-000

Professional Seal

 11/12/2020

Sheet Title
 UTILITY PLAN
 Sheet No.
UTL_005



NOTE: ALL "S" SIGNS ARE TO BE PER MUTCD STANDARDS.

VINYL GRAPHICS GENERAL NOTES

DOOR SIGNS:
SEE DOOR SIGN PLACEMENT DETAIL ON THIS SHEET FOR MOUNTING HEIGHTS.
DESCRIPTION:
CUSTOM CUT VINYL GRAPHICS, ATTACHED TO FIRST SURFACE OF EXTERIOR GLASS.
GRAPHICS AND TYPOGRAPHY:
SIGN GRAPHICS ARE HEAVY DUTY 1/4" VINYL. LOGO IS A HIGH RESOLUTION DIGITAL PRINT ON PERMANENT ADHESIVE PRESSURE SENSITIVE VINYL. SUBSTRATE WITH LUSTER OVER LAMINATE, CUT TO SHAPE FROM VECTOR FILE. COPY IS WHITE WHITE VINYL.
INSTALLATION:
LOCATIONS ARE GENERALLY NOTED ON THE ATTACHED LOCATION PLANS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL INSTALLATION CONDITIONS - (3) SETS OF SHOP DRAWINGS AND (3) 6" X 6" VINYL SAMPLES OF EACH SIGN FACE COLOR. SEE GENERAL CONSTRUCTION AND INSTALLATION SPECIFICATIONS FOR ADDITIONAL SUBMITTALS.

SUBMITTALS:
THE FOLLOWING SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION - (3) SETS OF SHOP DRAWINGS AND (3) 6" X 6" VINYL SAMPLES OF EACH SIGN FACE COLOR. SEE GENERAL CONSTRUCTION AND INSTALLATION SPECIFICATIONS FOR ADDITIONAL SUBMITTALS.

SIGNAGE GENERAL NOTES

- FINAL QUANTITIES SHALL BE COORDINATED AND VERIFIED IN FIELD.
- ADDITIONAL SIGNAGE NOT SHOWN ON GRAPHICS PLAN MAY BE REQUIRED PER LOCAL CODE AND/OR A.H.J. SUB-CRACKER SHALL COORDINATE WITH LOCAL A.H.J. AND PROVIDE AS REQUIRED.
- MOUNT SIGNAGE ACCORDING TO LOCAL CODES.
- ALL PERMANENT SIGNAGE TO ACCESSIBLE AREAS TO HAVE RAISED BRAILLE CHARACTERS PER ANSI 117.1-2009
- TYPICAL SIGN FONT IS SET IN ARIAL.
- SEE DOOR SCHEDULE FOR DOOR SIGNAGE REQUIRED TEXT.
- NOT ALL SIGNAGE SHOWN IS REQUIRED. COORDINATE W/ CONSTRUCTION MANAGER AT SCHEDULED SITE WALK FOR FINAL DETERMINATION.

PAVEMENT GRAPHIC NOTES:

- TWO COAT APPLICATION REQUIRED FOR ALL PAVEMENT GRAPHICS. REFER TO CIVIL FOR PAINTED GRAPHIC ARROWS AND ADDITIONAL PAVEMENT GRAPHIC CRITERIA. SEE SITE DETAILS FOR MORE PAVEMENT GRAPHICS AT TRAILER PARKING

GRAPHICS / PAVEMENT PAINT

1/PP1	WHITE	(PANTONE 485C)
2/PP2	RED	(PANTONE 294)
3/PP3	BLUE	(PANTONE 342)
4/PP4	GREEN	(PANTONE 116)
5/PP5	YELLOW	

NOTE: TWO COAT APPLICATION REQUIRED FOR ALL PAVEMENT GRAPHICS.

CUSTOM SIGNAGE COLORS

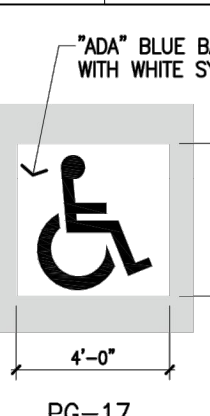
	Gloss Vinyl	Reflective Vinyl	Paint
C1 White	Scotchcal White 230-20	Scotchcal 280 White 280-10	Glass White Two part catalyst hardened acrylic enamel
C2 Black	Scotchcal Black 230-20 (Pantone Black)	Scotchcal Black 280-20	
C3 Yellow	Oracal GRAFQUE 003 GOLDEN YELLOW	Scotchcal TRANSLUCENT 015 YELLOW ORANGE (Color to match Amazon branding guidelines. Amazon orange: Pantone 137 U, Pantone 1375 C)	
C4 Gray	Scotchcal Medium Gray 230-31		Satin Finish Two part catalyst hardened acrylic enamel
C5 Red	Scotchcal Red 230-33 (Pantone 485C2X)	Scotchcal Red 280-72	
C6 Blue	Scotchcal Cobalt Blue (Pantone 288C)	Scotchcal Blue 230-75	



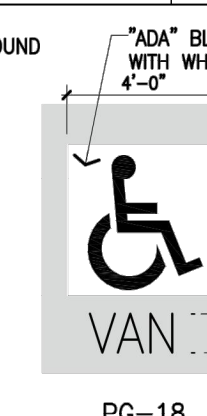
AS-29
12" X 18" AMAZON SIGNAGE - MOTORCYCLE PARKING. PROVIDE MINIMUM 8 MOTORCYCLE PARKING SPACES. POST AND PANEL MOUNT. ONE SIGN PER MOTORCYCLE PARKING AREA. BLACK TEXT (ARIAL, NARROW) ON WHITE BACKGROUND. ORANGE AMAZON ARROW GRAPHIC.



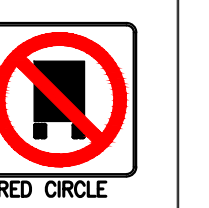
S-13
24" X 24" DOT STANDARD "NO TRUCK ACCESS" SIGN. USE TO PROHIBIT TRUCK TRAFFIC. POST AND PANEL MOUNT.



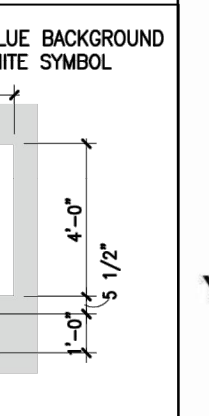
PG-17
4'-0" X 4'-0" PAVEMENT GRAPHICS - STANDARD ACCESSIBLE PARKING SPACES. USE AR ALL ACCESSIBLE PARKING SPACES. GRAPHICS: WHITE SYMBOL WITH BLUE BACKGROUND (BLACK INDICATES ASPHALT).



PG-18
4'-0" X 5'-5 1/2" PAVEMENT GRAPHICS - VAN ACCESSIBLE PARKING SPACE. USE AT ALL VAN ACCESSIBLE PARKING SPACES. GRAPHICS: WHITE SYMBOL WITH BLUE BACKGROUND, AND WHITE TEXT (BLACK INDICATES ASPHALT).



S-13
24" X 24" DOT STANDARD "NO TRUCK ACCESS" SIGN. USE TO PROHIBIT TRUCK TRAFFIC. POST AND PANEL MOUNT.



PG-18
4'-0" X 5'-5 1/2" PAVEMENT GRAPHICS - VAN ACCESSIBLE PARKING SPACE. USE AT ALL VAN ACCESSIBLE PARKING SPACES. GRAPHICS: WHITE SYMBOL WITH BLUE BACKGROUND, AND WHITE TEXT (BLACK INDICATES ASPHALT).

WHITE TEXT ON RED BACKGROUND

S-1
36" X 36" DOT STANDARD OCTAGONAL "STOP" SIGN. USE AT INTERSECTIONS IN PARKING LOT AND DRIVE ASLES. POST AND PANEL MOUNT.

S-2
30" X 30" DOT STANDARD "DO NOT ENTER" SIGN. USE TO PROHIBIT TRAVEL IN THE WRONG DIRECTION. TYPICAL AT ONE-WAY ROADS. POST AND PANEL MOUNT.

BLACK TEXT AND GRAPHIC ON WHITE BACKGROUND

S-10
30" X 36" DOT STANDARD RIGHT TURN "ONLY" SIGN. USE ALONG ONE WAY DRIVE ASLES. POST AND PANEL MOUNT.

S-15
12" X 18" DOT STANDARD VERTICALLY ORIENTED "RESERVED PARKING" SIGN. USE TO DEMARKATE VAN ACCESSIBLE PARKING SPACES. ONE SIGN PER SPACE OR AS REQUIRED BY LOCAL AUTHORITY. POST AND PANEL MOUNT.

S-16
12" X 18" DOT STANDARD VERTICALLY ORIENTED "VAN ACCESSIBLE" PARKING SIGN. USE TO DEMARKATE VAN ACCESSIBLE PARKING SPACES. ONE SIGN PER SPACE OR AS REQUIRED BY LOCAL AUTHORITY. POST AND PANEL MOUNT. INCLUDE SIGN "VIOLATORS ARE SUBJECT TO A FINE AND / OR TOWING"

RESERVED PARKING

RESERVED PARKING

VAN ACCESSIBLE

TRUCK ENTRANCE

AS-5
48" X 60" AMAZON SIGNAGE - YARD RULES. YARD RULES POST (X2) AND PANEL MOUNT. WHITE TEXT (ARIAL) ON BLACK BACKGROUND.

AS-6
36" X 24" AMAZON SIGNAGE - TRUCK ENTRANCE. USED TO DEMARKATE TRUCK ENTRANCE POST (X2) AND PANEL MOUNT. WHITE TEXT (ARIAL) ON BLACK BACKGROUND.

AS-24
12" X 18" AMAZON SIGNAGE - CUSTOMER PARKING ONLY. PROVIDE MINIMUM 10 CUSTOMER PARKING SPACES NEAR THE MAIN ENTRY. POST AND PANEL MOUNT. ONE SIGN PER PARKING SPACE. BLACK TEXT (ARIAL, NARROW) ON WHITE BACKGROUND, ORANGE AMAZON ARROW GRAPHIC.

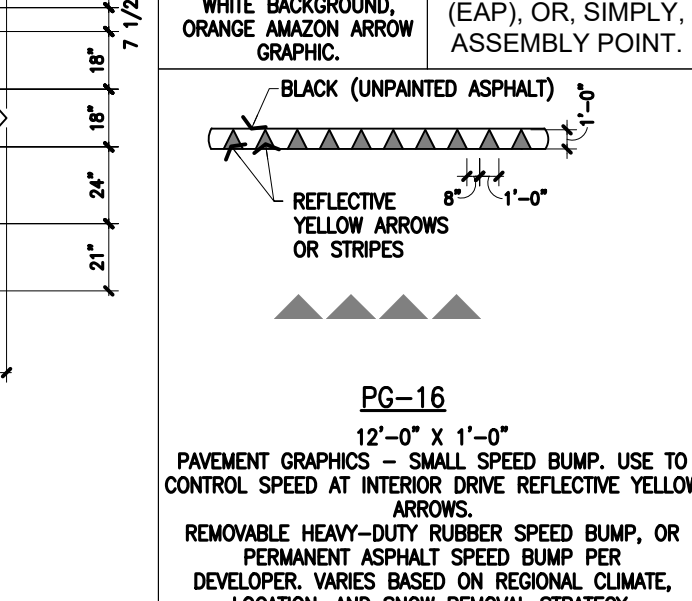
AS-26
36" X 36" AMAZON SIGNAGE - MUSTER AREA. REPLACE "W" WITH CORRESPONDING AREA NUMBER. SEE PLAN.

AS-28
36" X 36" POLE MOUNT AT 15' ABOVE FINISHED GRADE IN CAR PARKING.

AS-29
12" X 18" POLE MOUNT AT 25' ABOVE FINISHED GRADE IN TRAILER YARD.

AS-30
12" X 18" WHITE GRAPHICS ON GREEN BACKGROUND.

AS-31
A MUSTER POINT IS A DESIGNATED PLACE OR AN AREA WHERE ALL EMPLOYEES OR A LARGE CROWD ASSEMBLE IN CASE OF AN EMERGENCY IN AN INSTALLATION, BUILDING OR PUBLIC PLACE. IT IS ALSO KNOWN AS AN EMERGENCY ASSEMBLY POINT (EAP), OR, SIMPLY, ASSEMBLY POINT.



PG-11
12" STRIPING OUTLINE AND HATCH FILL AT 36" O.C. PAVEMENT GRAPHICS - PEDESTRIAN CROSSWALK. USE TO INDICATE PEDESTRIAN CROSSING. WHITE STRIPES. SEE PLAN FOR WIDTH OF CROSSWALK (BLACK INDICATES ASPHALT).

PG-12
12" STRIPING OUTLINE AND HATCH FILL AT 36" O.C. PAVEMENT GRAPHICS - TRAILER SPACE NUMBERING. USE TO DIRECT DRIVER ENTRANCE IN DOCK FIELD. POSITION IN TRUCK COURT TO CORRESPOND WITH THE LOCATION OF THE TRUCKERS LOUNGE AND TRUCKERS ENTRY POINTS. WHITE STRIPES. SEE PLAN FOR WIDTH OF CROSSWALK (BLACK INDICATES ASPHALT).

PG-14
5'-0" X 3'-6" (24" TALL LETTERING) PAVEMENT GRAPHICS - TRAILER SPACE NUMBERING. USE TO LABEL TRAILER SPACES. TYPICAL ALL TRUCK SPACES. GRAPHICS: WHITE STRIPES WITH BLUE BACKGROUND (BLACK INDICATES ASPHALT).

PG-5
8'-0" X 10'-0" PAVEMENT GRAPHICS - STRAIGHT ARROW. USE TO DIRECT TRAFFIC AT ONE-WAY DRIVE ASLES. WHITE GRAPHIC. (BLACK INDICATES ASPHALT).

PG-6L (PG-6R OPP.)
8'-0" X 8'-0" PAVEMENT GRAPHICS - LEFT OR RIGHT TURN ARROW. USE TO INDICATE TURNING LANES. WHITE GRAPHIC. (BLACK INDICATES ASPHALT).

PG-7L (PG-7R OPP.)
8'-0" X 12'-0" PAVEMENT GRAPHICS - STRAIGHT TURN ARROW. USE TO INDICATE TURNING LANES. WHITE GRAPHIC. (BLACK INDICATES ASPHALT).

PG-8
10'-0" X 8'-0" PAVEMENT GRAPHICS - LEFT OR RIGHT TURN ARROW. USE TO INDICATE TURNING LANES. WHITE GRAPHIC. (BLACK INDICATES ASPHALT).

PG-9
10'-0" X 12'-0" PAVEMENT GRAPHICS - LEFT, STRAIGHT OR RIGHT TURN ARROW. USE TO INDICATE TURNING LANES. WHITE GRAPHIC. (BLACK INDICATES ASPHALT).

PG-16
12'-0" X 1'-0" PAVEMENT GRAPHICS - SMALL SPEED BUMP. USE TO CONTROL SPEED AT INTERIOR DRIVE REFLECTIVE YELLOW ARROWS. REMOVABLE HEAVY-DUTY RUBBER SPEED BUMP, OR PERMANENT ASPHALT SPEED BUMP PER DEVELOPER. VARIES BASED ON REGIONAL CLIMATE, LOCATION, AND SNOW REMOVAL STRATEGY.

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Revisions

NO.	DATE	DESCRIPTION

WAQ1 - Albuquerque, NM

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7300 Meridian Pl NW
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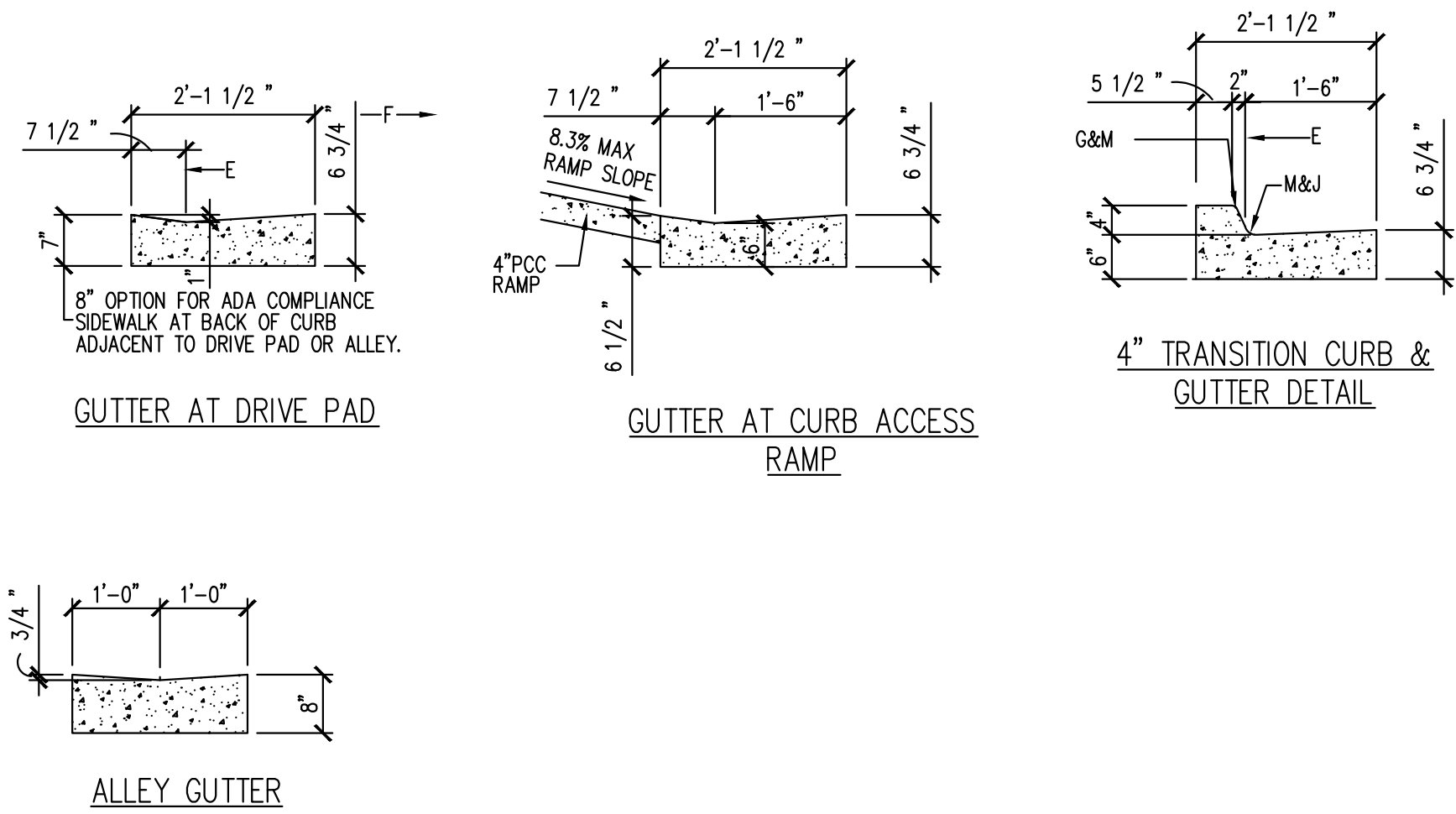
Project Manager:
CJF
Checked by:
MVE
Drawn by:
ELM
Document date:
08/18/2020
Project No.
30000481 MEC# 191313-000
Professional Seal



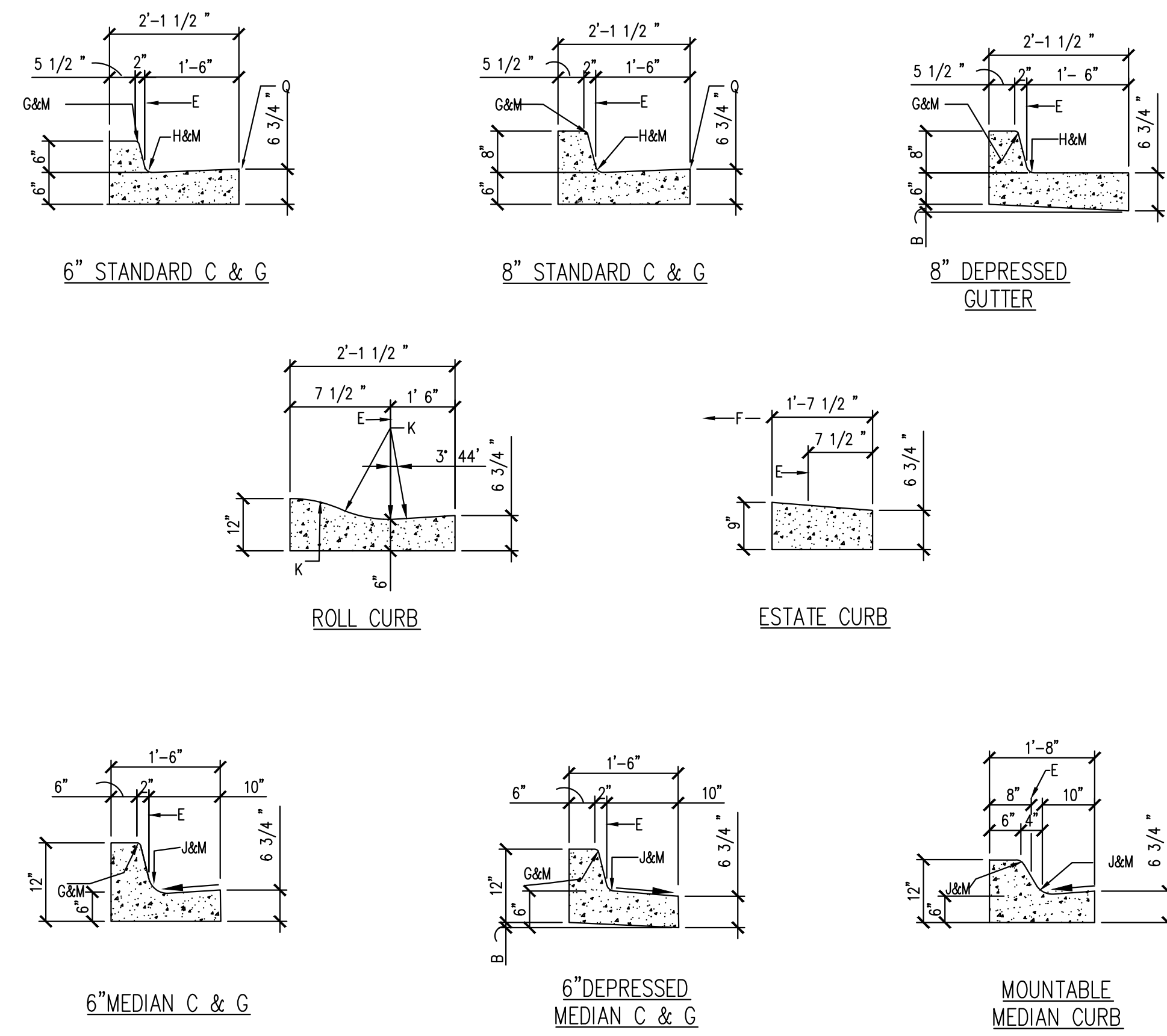
Sheet Title
SIGNAGE AND MARKING PLAN

Sheet No.
SMP_006

BY: PROGRERS
PLOT DATE: 11/12/2020 9:23 AM
P:\191313-000\06-DRAWINGS\CIVIL\SITE PLAN SHEETS\191313-000 MARK.DWG



- GENERAL NOTES**
SEE COA DRAWING 2415A
- CONSTRUCTION NOTES**
- REQ. CONC. CHANNEL LINING, OR CUT-OFF WALL, PROVIDE 1/4" EXP JOINT BETWEEN BACK OF CURB & CHANNEL LINING AND/OR WALL.
 - VARIABLE, DEPRESS AS NEEDED.
 - DRIVE NO. 4 PINS 18" DEEP IN HOLES DRILLED @ 2" O.C. IN EXISTING PAVEMENT, SEAL WITH EPOXY.
 - EXISTING ASPHALT CONCRETE (AC) OR PORTLAND CEMENT CONCRETE (PCC) PAVEMENT.
 - FACE OF CURB/FLOW LINE.
 - TRAFFIC SIDE.
 - 3/4" RADIUS.
 - 1-1/2" RADIUS.
 - 2" RADIUS.
 - 24" RADIUS.
 - TACK COAT.
 - DIMENSIONS AT ROUNDED CORNERS MEASURED TO INTERSECTION OF STRAIGHT LINES.
 - NOT USED.
 - 8" SCARIFIED AND COMPACTED SUBGRADE. 95% MINIMUM COMPACTION PER SECTION 301.
 - AC PAVEMENT.
 - #4 CONT. BETWEEN JOINTS 3" COVER AT JOINTS.
 - #3 PINS @ 3'-0" O.C. W/STD. HOOK.

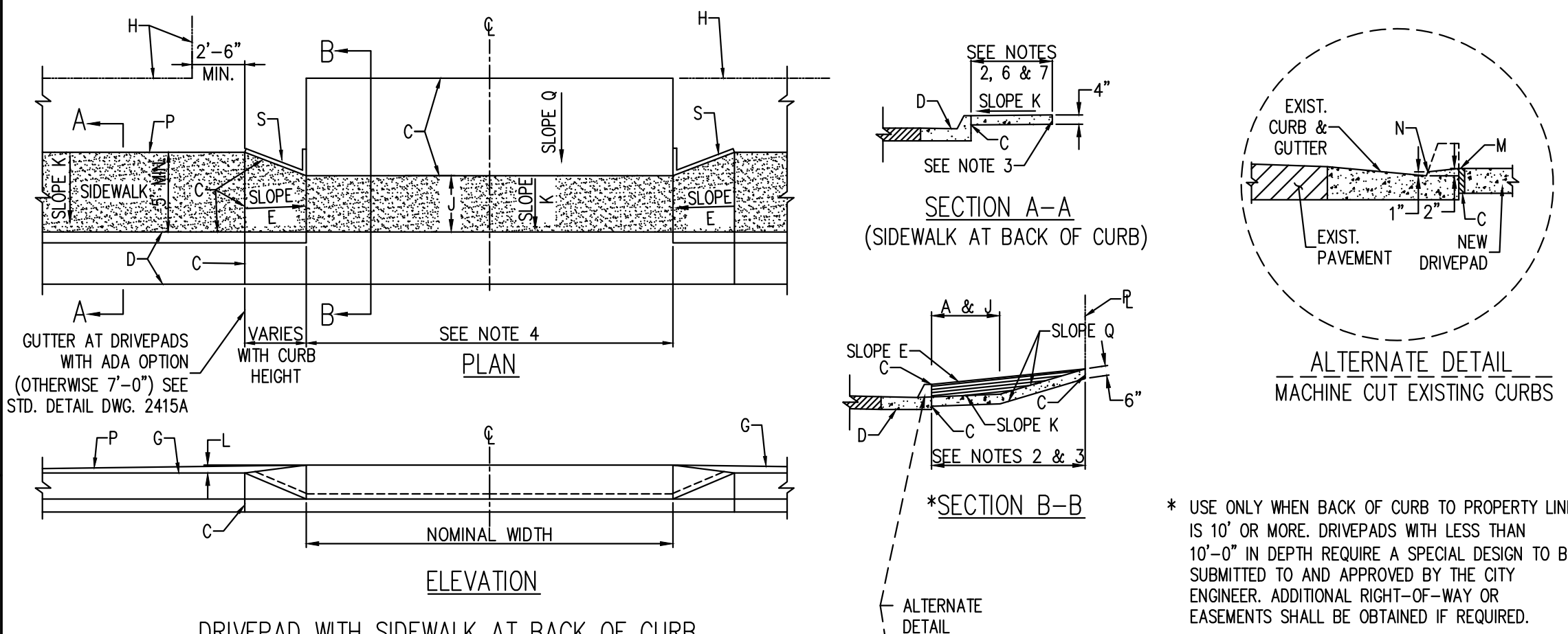


- GENERAL NOTES**
- CURB, GUTTER AND CUT-OFF WALL WILL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE (PCC).
 - FOR STANDARD AND MEDIAN C & G ADJACENT TO ASPHALT CONCRETE (AC) PAVEMENT, PROVIDE CONTRACTION JOINTS AT 12' MAX. SPACING. CONTRACTION JOINTS SHALL BE EITHER SAWED OR TOOLED A MINIMUM OF 1" DEEP AT FINISHED FACES. 1/2" EXPANSION JOINTS TO BE INSTALLED AT CURB RETURNS AND AT A MAXIMUM SPACING OF 200' BETWEEN CURB RETURNS AND SEPARATELY CONSTRUCTED DRIVEWAYS.
 - FOR ALL OTHER C & G AND CUT-OFF WALL PROVIDE CONTRACTION JOINTS AT 10' MAX SPACING, 1/2" EXPANSION JOINTS AT CURB RETURNS & AT A MAXIMUM SPACING OF 100' BETWEEN CURB RETURNS & EACH SIDE OF SEPARATELY CONSTRUCTED DRIVEWAYS. CONTRACTION JOINTS SHALL BE EITHER SAWED OR TOOLED A MINIMUM OF 1" DEEP AT ALL FINISHED FACES. REINFORCEMENT SHALL NOT BE USED IN CUT-OFF WALLS.
 - FOR C & G CONSTRUCTED WITH PCC PAVEMENT, CONTRACTION JOINTS AND EXPANSION JOINTS SHALL BE THE SAME AS THE PAVEMENT JOINTS.
 - ALL EDGES SHALL BE EDGED WITH A 3/8" RADIUS EDGING TOOL.
 - REMOVE & REPLACE PAVEMENT 1' WIDE ADJACENT TO LIP OF GUTTER WHEN CONSTRUCTING C & G ADJACENT TO EXISTING AC PAVEMENT.
 - 1/4" ISOLATION JOINT SHALL BE PLACED BETWEEN SIDEWALK AND C & G WHEN CAST ADJACENT TO EACH OTHER.
 - ADA = AMERICANS WITH DISABILITY ACT.

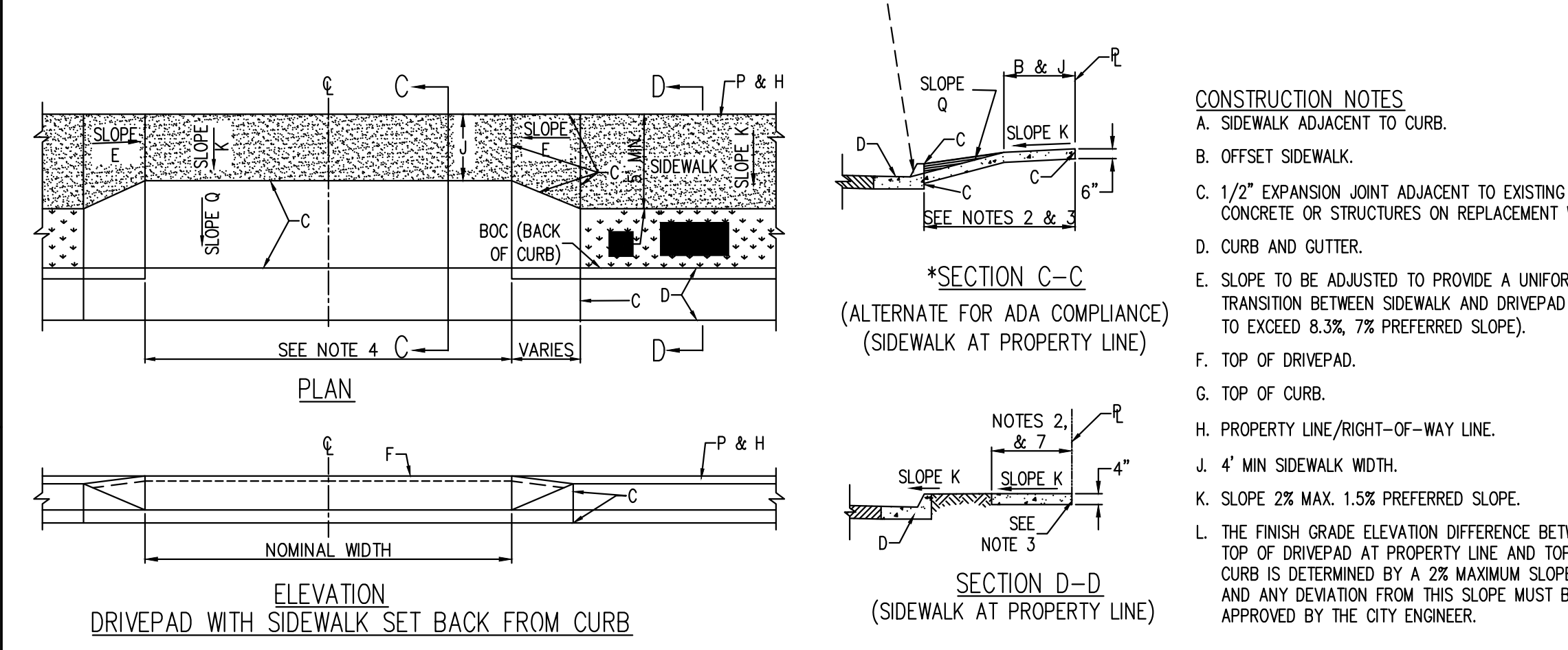
REVISIONS	CITY OF ALBUQUERQUE
	PAVING CURB AND GUTTER DETAILS DWG. 2415B JANUARY 2019

CONSTRUCTION NOTES
SEE COA DRAWING 2415B

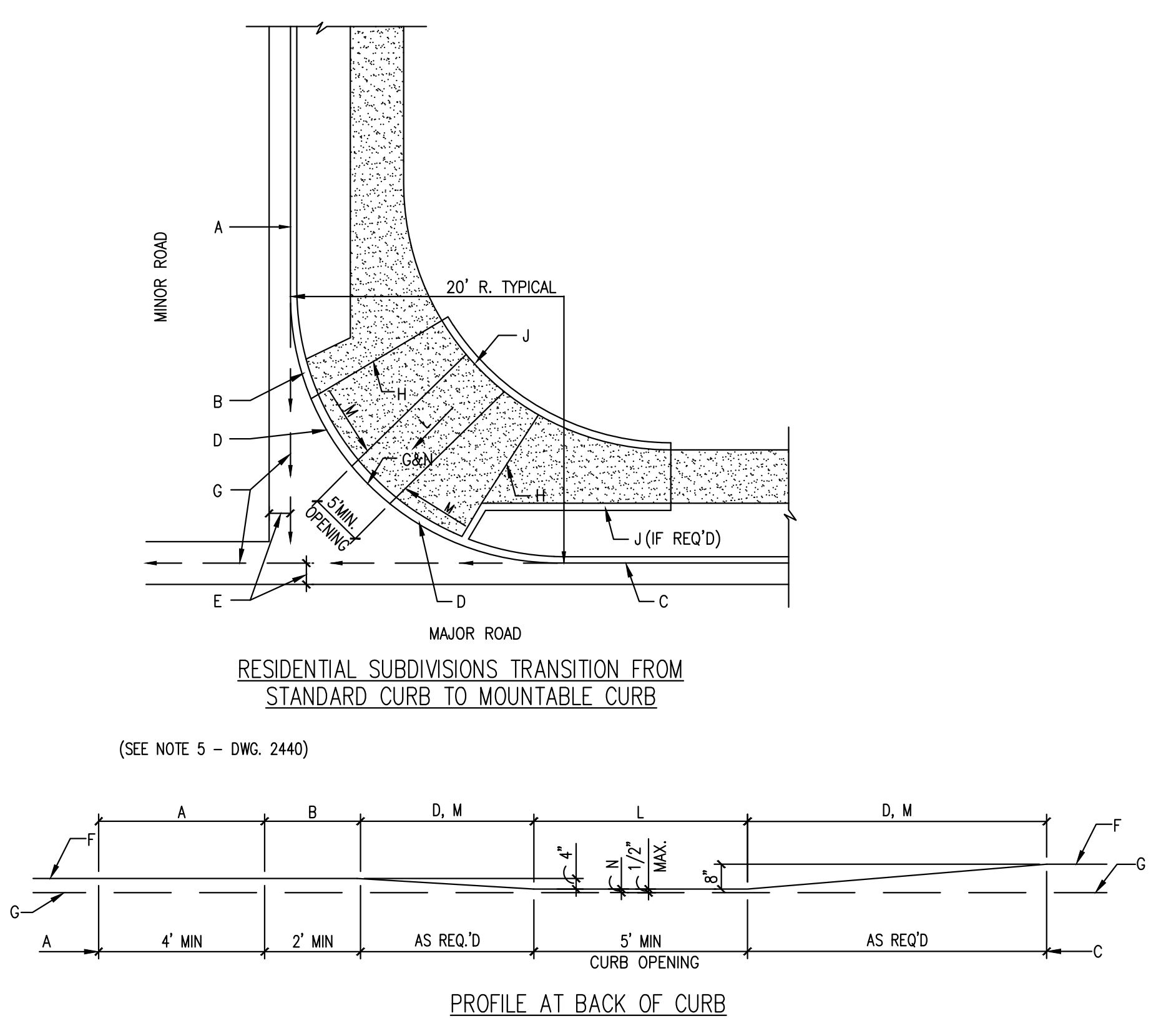
REVISIONS	CITY OF ALBUQUERQUE
	PAVING CURB AND GUTTER DETAILS DWG. 2415A JUNE 2019



- GENERAL NOTES**
- DEVIATIONS FROM THESE STANDARDS SHALL BE SUBMITTED TO THE CITY ENGINEER AND/OR TRAFFIC ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
 - REQUEST FOR SIDEWALK VARIANCES SHALL BE SUBMITTED TO THE DEVELOPMENT REVIEW BOARD.
 - USE 1/2" EXP. JT. WHERE SIDEWALK OR DRIVEPAD ABUTS BLDGS, FENCES, WALLS OR OTHER IMMOVABLE OBJECTS.
 - ALL DRIVEPADS SHALL BE A MIN. THICKNESS OF 6" AND SHALL BE CONSTRUCTED FROM BACK OF CURB TO P/L. FOR DRIVEWAY WIDTHS, CONSULT CHAPTER 7 OF THE DEVELOPMENT PROCESS MANUAL.
 - DRIVEPADS WIDER THAN 18' (NOMINAL) SHALL HAVE A 1/2" EXP. JT. AT MIDPOINT. DRIVEPADS WIDER THAN 36' SHALL HAVE 2 OR MORE 1/2" EXP. JTS. EQUALLY SPACED, MAX. SPACING IS 18' APART.
 - SIDEWALK AT THE BACK OF CURB SHALL BE USED ONLY WHEN VARIANCE IS APPROVED.
 - FOR SIDEWALK WIDTH, CONSULT CHAPTER 7 OF THE DEVELOPMENT PROCESS MANUAL (4' MIN. WIDTH ON ACCESSIBLE ROUTE).
 - SUBGRADE UNDER SIDEWALK & DRIVEPAD SHALL BE COMPACTED AS PER SECTION 301.
 - ADA - AMERICANS WITH DISABILITIES ACT.

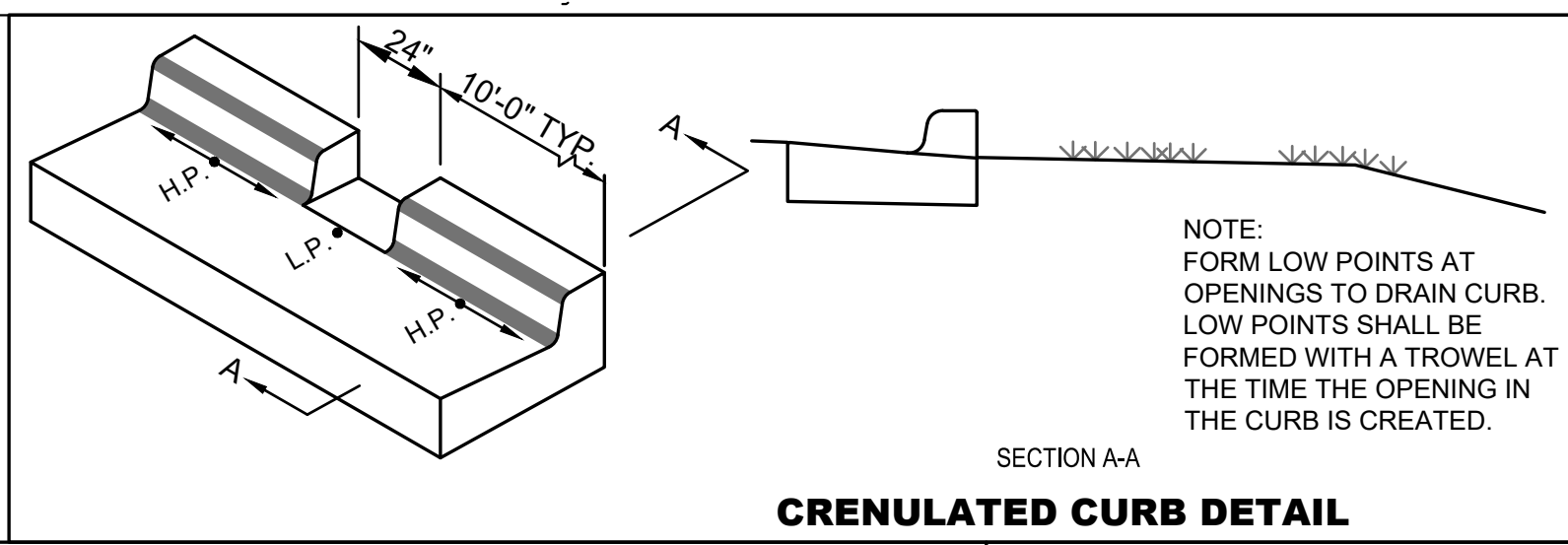


- CONSTRUCTION NOTES**
- SIDEWALK ADJACENT TO CURB.
 - OFFSET SIDEWALK.
 - 1/2" EXPANSION JOINT ADJACENT TO EXISTING CONCRETE OR STRUCTURES ON REPLACEMENT WORK.
 - CURB AND GUTTER.
 - SLOPE TO BE ADJUSTED TO PROVIDE A UNIFORM TRANSITION BETWEEN SIDEWALK AND DRIVEPAD (NOT TO EXCEED 8.3%, 7% PREFERRED SLOPE).
 - TOP OF DRIVEPAD.
 - TOP OF CURB.
 - PROPERTY LINE/RIGHT-OF-WAY LINE.
 - 4' MIN SIDEWALK WIDTH.
 - SLOPE 2% MAX. 1.5% PREFERRED SLOPE.
 - THE FINISH GRADE ELEVATION DIFFERENCE BETWEEN TOP OF DRIVEPAD AT PROPERTY LINE AND TOP OF CURB IS DETERMINED BY A 2% MAXIMUM SLOPE, AND ANY DEVIATION FROM THIS SLOPE MUST BE APPROVED BY THE CITY ENGINEER.



REVISIONS	CITY OF ALBUQUERQUE
	PAVING DRIVEPADS DWG. 2425A JUNE 2019

REVISIONS	CITY OF ALBUQUERQUE
	PAVING MOUNTABLE TO STANDARD CURB TRANSITION DWG. 2418 JUNE 2019



NOTE: FORM LOW POINTS AT OPENINGS TO DRAIN CURB. LOW POINTS SHALL BE FORMED WITH A TROWEL AT THE TIME THE OPENING IN THE CURB IS CREATED.

CRENULATED CURB DETAIL

brr
ARCHITECT OF RECORD:
8131 METCALF SUITE 300 OVERLAND PARK, KS 66204
www.brrarch.com
TEL: 913-262-9095 FAX: 913-262-9044
Consultants

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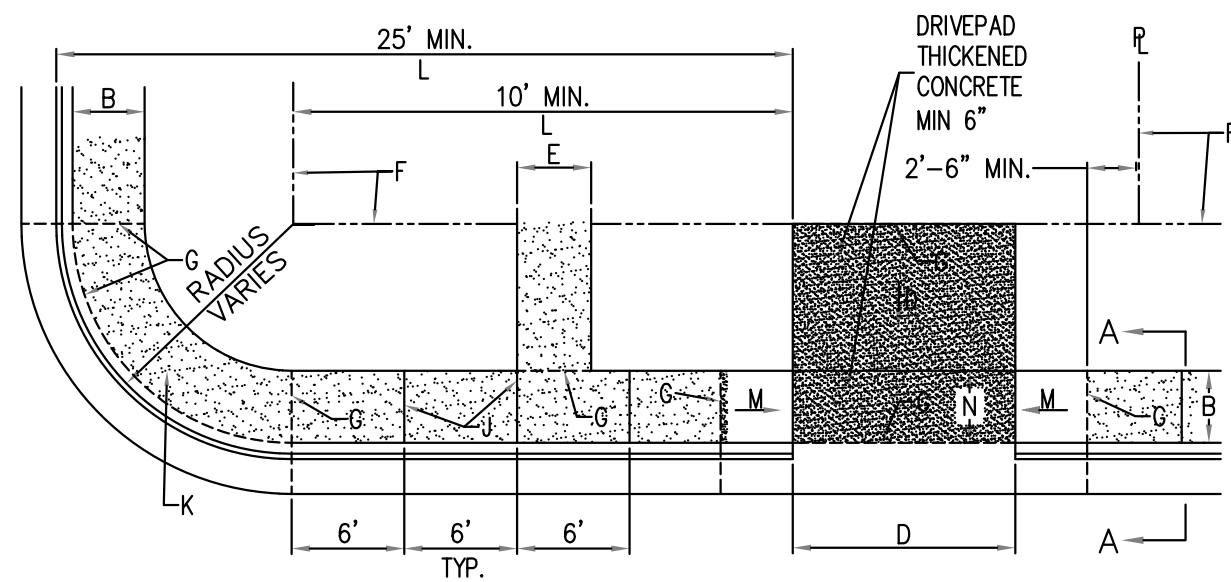
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7300 Meridian Pl NW
Albuquerque, NM 87121

Project Manager: CJF
Checked by: MVE
Drawn by: ELM
Document date: 05/18/2020
Project No. 30000481 MEC# 191313-000
Professional Seal

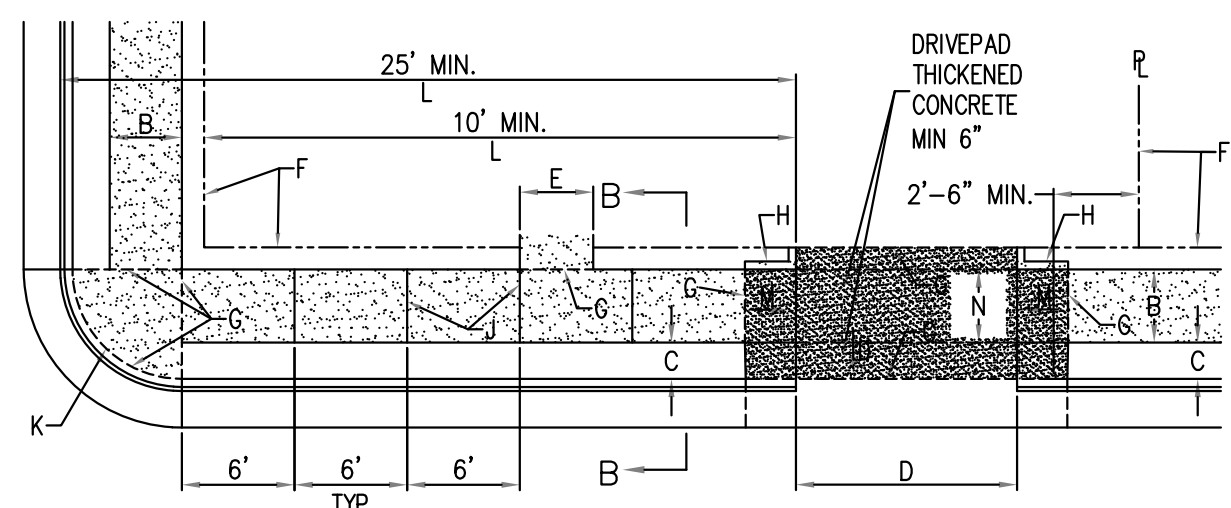
CALEB J. FLAKE
REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
24114
11/12/2020

Sheet Title: DETAILS
Sheet No.: DET_007

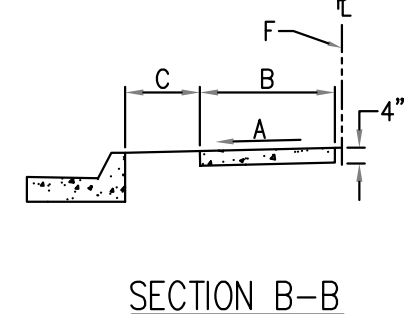
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SECTION A-A



PLAN OFFSET TYPE SIDEWALK



SECTION B-B

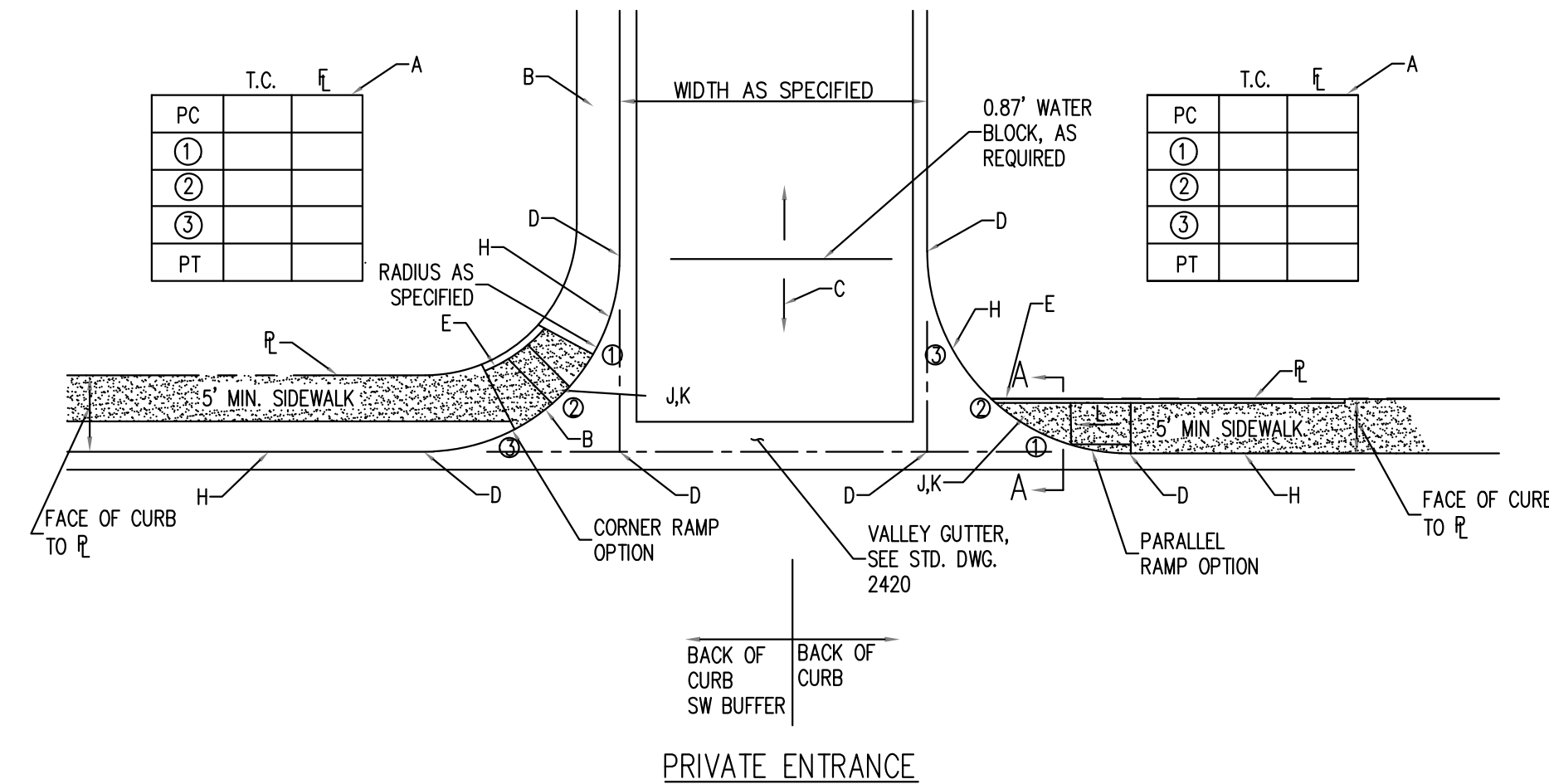
CONSTRUCTION NOTES

- A. SLOPE 2% MAX. 1.5% PREFERRED SLOPE.
- B. 5' MIN. SIDEWALK WIDTH. SIDEWALK WIDTH SHALL BE IN ACCORDANCE WITH CHAPTER 23 OF DEVELOPMENT PROCESS MANUAL.
- C. SETBACK TO BE DETERMINED BY AVAILABLE RIGHT-OF-WAY. SEE CHAPTER 7 OF DEVELOPMENT PROCESS MANUAL. ALSO SEE COA STD. DWG. 2414 FOR LANDSCAPE BUFFER.
- D. SEE DRIVEPAD DETAILS, DWG. 2425A AND 2425B.
- E. WALKWAY VARIABLE (4' MINIMUM).
- F. PROPERTY LINE.
- G. 1/2" EXPANSION JOINTS WHERE SIDEWALK OR DRIVEPAD ABUTS BUILDINGS, FENCES, WALLS OR OTHER IMMOVABLE OBJECTS.
- H. HEADER CURB OR INTEGRAL CURB AS REQUIRED TO MEET GRADE AT BACK OF SIDEWALK. SEE STD. DWG. 2415.
- J. CONTRACTION JOINTS.
- K. FOR CURB ACCESS RAMPS, SEE DWGS. 2440 THROUGH 2445.
- L. CHECK DIMENSION FROM BOTH PROPERTY LINE AND FLOW LINE. USE IN AREAS WHERE DRIVEPAD IS FARTHEST FROM INTERSECTION.
- M. RAMP AS REQUIRED TO MEET DRIVEPAD GRADE. 8.3% MAX. SLOPE, 7% PREFERRED SLOPE.
- N. ADA ACCESSIBLE PATHWAY. 2% MAX. CROSS-SLOPE. 1.5% PREFERABLE CROSS-SLOPE.

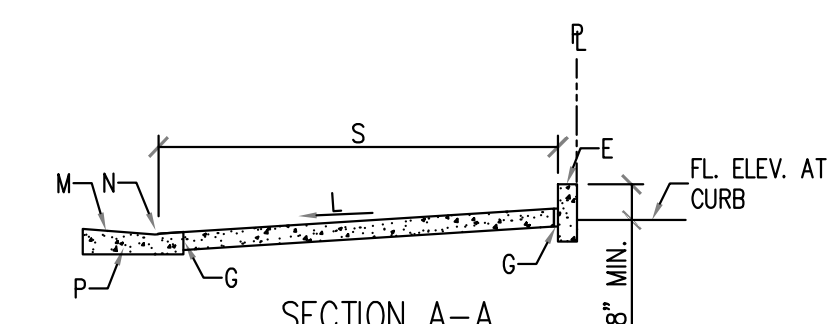
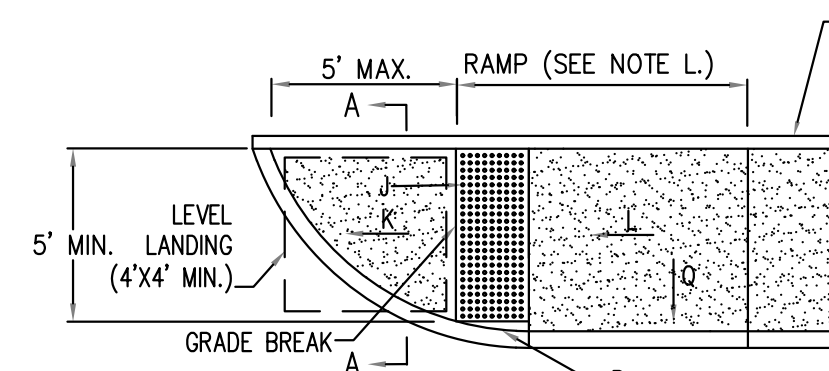
GENERAL NOTES

- 1. DEVIATIONS FROM THESE STANDARDS SHALL BE SUBMITTED TO THE CITY ENGINEER AND/OR CITY TRAFFIC ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
- 2. SUBGRADE UNDER SIDEWALKS AND DRIVEPADS SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 301.
- 3. FOR SIDEWALKS LESS THAN 60" WIDE ON ACCESSIBLE ROUTE, PASSING SPACE AT LEAST 60" X 60" SHALL BE PROVIDED AT LEAST EVERY 200 FT.
- 4. GRATINGS LOCATED IN WALKING SURFACE SHALL HAVE SPACES NO GREATER THAN 1/2" WIDE IN DIRECTION OF TRAVEL. IF OPENINGS ARE ELONGATED, LONG DIMENSION SHALL BE PLACED PERPENDICULAR TO DIRECTION OF TRAVEL.
- 5. ALONG THE ACCESSIBLE ROUTE, CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 2H:1V. CHANGES IN LEVEL GREATER THAN 1/2" REQUIRE A RAMP.
- 6. PROVIDE A MINIMUM SIDEWALK WIDTH OF 4' AROUND OBSTACLES FOR ADA ACCESS.
- 7. SEE COA STD DWG 2425A AND 2425B FOR DRIVEPAD DETAILS.

REVISIONS	CITY OF ALBUQUERQUE
	PAVING SIDEWALK DETAILS DWG. 2430 JUNE 2019



MINIMAL R.O.W. FOR SIDEWALK AT BACK OF CURB PARALLEL RAMP



GENERAL NOTES

- 1. CURB ACCESS RAMPS ARE NORMALLY TO BE LOCATED AT THE CENTER OF THE RETURN OR AS DIRECTED BY THE CITY TRAFFIC ENGINEER.
- 2. WHEN MODIFYING ONE QUADRANT OF AN INTERSECTION TO IMPROVE ACCESSIBILITY, MODIFY THE REMAINING QUADRANTS SO THAT ALL QUADRANTS OF THE INTERSECTION COMPLY WITH ADA (PROWAG) REGULATIONS AS SHOWN ON PLANS.
- 3. SURFACE TEXTURE OF CURB ACCESS RAMPS SHALL BE OBTAINED BY HEAVY BROOMING (TEXTURE DEPTH .0625"), TRANSVERSE TO THE SLOPE OF THE RAMP.
- 4. GUTTER FLOW-LINE PROFILE SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP. DRAINAGE CATCH BASIN STRUCTURES SHALL NOT BE PLACED IN LINE WITH RAMPS.
- 5. WIDTH OF SIDEWALK AND RAMP MUST BE MAINTAINED AT A MINIMUM OF 5'-0" THROUGH ENTIRE RAMP LENGTH.

CONSTRUCTION NOTES

- A. SLOPE OF GUTTER NOT TO EXCEED 2% ADJACENT TO RAMP. 1.5% PREFERRED.
- B. FLUSH WITH RAMP AND GUTTER.
- C. CURB AND GUTTER (SEE STD. DWG. 2415 - GUTTER AT CURB ACCESS RAMP).
- D. 1/2" EXPANSION JOINT.
- E. RADIAL LINES - TOP AND BOTTOM OF RAMP.
- F. 8.3% MAX. SLOPE OF RAMP, 7% PREFERRED SLOPE OF RAMP.
- G. CONTRACTION JOINT.
- H. VARIES WITH AVAILABLE R.O.W.
- J. 2% MAXIMUM CROSS-SLOPE. 1.5% PREFERRED CROSS-SLOPE.
- K. HEADER CURB, SEE DWG. 2415C.
- L. BACK OF SIDEWALK.
- M. BACK OF SIDEWALK RADIUS TO BE ESTABLISHED SO AS TO MAINTAIN A 5'-0" RAMP WIDTH (MINIMUM) THROUGHOUT. SEE STD. DWG. 2440 (NOTE 6) IF LESS THAN 5'-0" IS AVAILABLE DUE TO UNRESOLVABLE CONSTRAINTS.
- N. 4-1/2" MAX.
- P. DETECTABLE WARNINGS (SEE STD. DWG. 2446).
- Q. CURB TO MATCH SLOPE OF SIDEWALK.

REVISIONS	CITY OF ALBUQUERQUE
	PAVING CORNER ACCESS RAMP DWG. 2441 JUNE 2019

GENERAL NOTES

- 1. THESE DETAILS ARE PROVIDED FOR HIGH TRAFFIC VOLUME PRIVATE ENTRANCES SUCH AS ENTRANCES TO COMMERCIAL SITES, IN LIEU OF STANDARD DRIVE PAD PER CHAPTER 7 OF THE DEVELOPMENT PROCESS MANUAL.
 - 2. SEE STD. DWGS. 2441 TO 2445 FOR ALTERNATE CURB ACCESS RAMP DETAILS. SEE DETAIL 2446 FOR DETECTABLE WARNING DEVICE DETAILS.
- CONSTRUCTION NOTES
- A. INCLUDE QUARTER POINT ELEVATIONS. SEE STD. DETAIL DWG. 2420. SEE LOCATION FOR QUARTER POINTS ON PLAN VIEW BELOW.
 - B. WHERE INTERIOR SIDEWALK CONNECTION IS TO BE PROVIDED - CONSTRUCT CURB ACCESS RAMPS PER STD. DETAIL DWGS. 2440 - 2445.
 - C. INITIAL GRADE TO BE 4% OR LESS WHEN CONNECTING TO COLLECTOR OR ARTERIAL STREETS. 6% OR LESS WHEN CONNECTING TO LOCAL STREETS. INCLUDE A 4-FOOT WIDE ADA ACCESSIBLE PATHWAY ACROSS ENTIRE WIDTH OF PRIVATE ENTRANCE.
 - D. INCLUDE ELEVATIONS AT EACH END OF CURB RETURN AND INTERSECTIONS OF PROJECTED FLOWLINES. SEE STD. DWG. 2420.
 - E. AT PROPERTY LINE, CONSTRUCT HEADER CURB. SEE STD. DWG. 2415B AND SECTION A-A, THIS SHEET.
 - F. IF SIDEWALK IS AGAINST CURB, THE SIDEWALK SHOULD BE TRANSDITIONED TO KEEP THE CURB ACCESS RAMP IN THE LOCATION SHOWN.
 - G. 1/2" EXPANSION JOINT.
 - H. THEORETICAL FACE OF CURB OR FLOWLINE.
 - J. DETECTABLE WARNING DEVICES FOR DRIVE ENTRANCES ≥30 FEET BETWEEN FACES OF CURB (SEE STD. DWG. 2446 FOR PLACEMENT DETAILS).
 - K. LEVEL LANDING (2% MAXIMUM SLOPE).
 - L. 8.3% MAXIMUM SLOPE, 7% PREFERRED SLOPE.
 - M. SLOPE OF GUTTER NOT TO EXCEED 2% ADJACENT TO RAMP.
 - N. FLUSH WITH RAMP AND GUTTER.
 - P. CURB AND GUTTER (SEE STD. DWG. 2415 - GUTTER AT CURB ACCESS RAMP).
 - Q. 2% MAXIMUM CROSS-SLOPE. 1.5% PREFERRED CROSS-SLOPE.
 - R. NOT USED.
 - S. VARIES WITH AVAILABLE RIGHT-OF-WAY.

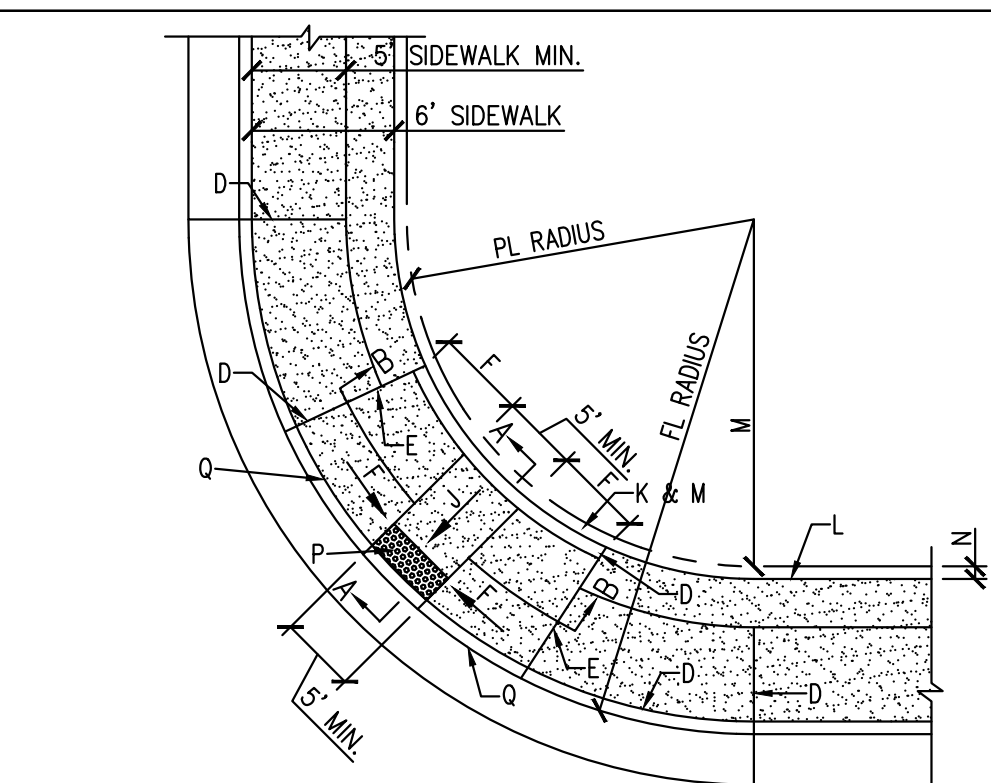
REVISIONS	CITY OF ALBUQUERQUE
	PAVING PRIVATE ENTRANCE DETAILS- ILLUSTRATING TWO R/W CONDITIONS DWG. 2426 JUNE 2019

GENERAL NOTES

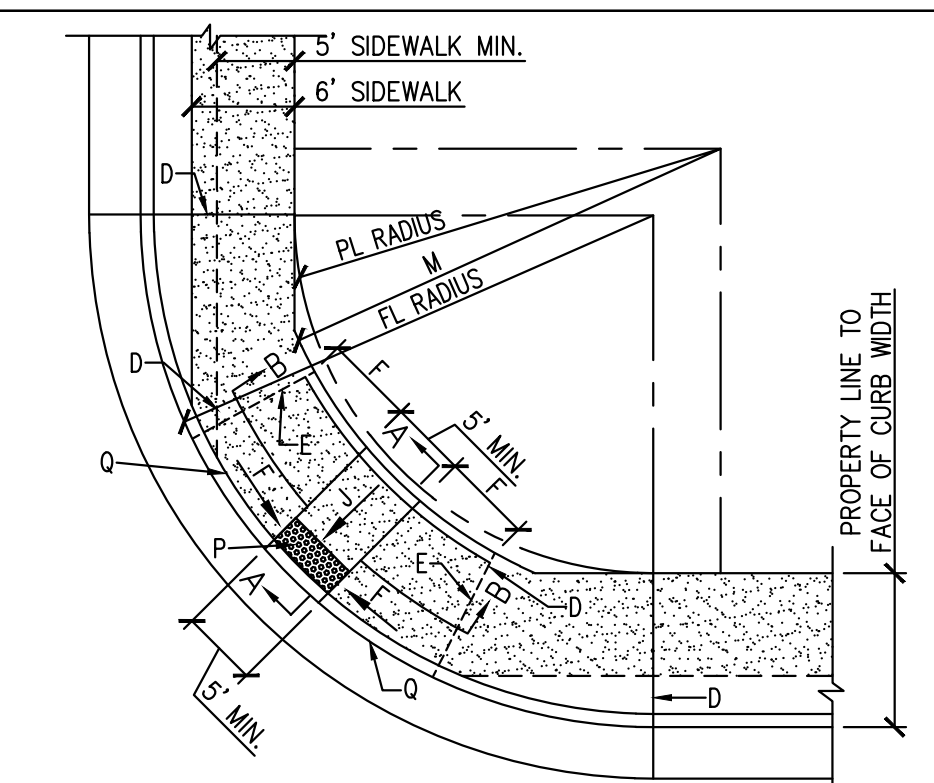
- 1. FOR SIDEWALK CONSTRUCTION DETAILS, SEE CONSTRUCTION NOTE B, DWG. 2430.
- 2. USE WHERE AVAILABLE R/W EXISTS, TO BE DETERMINED BY THE ENGINEER.
- 3. PROVIDE 1/2" PREFORMED EXPANSION JOINT MATERIAL AROUND ALL POWER POLES AND FIRE HYDRANTS WITHIN THE SIDEWALK AREA.
- 4. PUBLIC SIDEWALK EASEMENT MAY BE REQUIRED IN RESTRICTED ROW SITUATIONS.

CONSTRUCTION NOTES

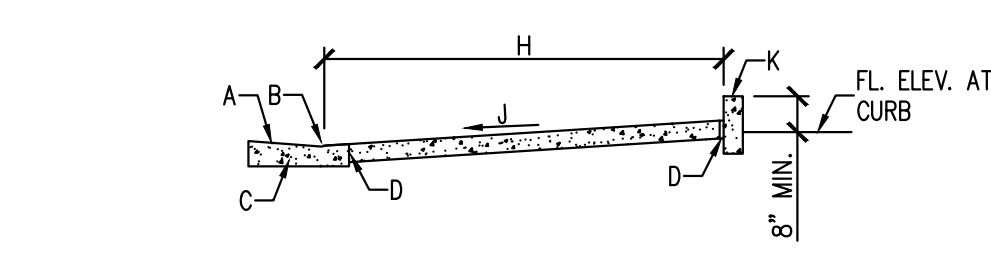
- A. UTILITY POLE OR OTHER OBSTRUCTION.
- B. LEAVE 6" CLEARANCE ALL AROUND TREE TRUNK.
- C. TOP OF CURB.
- D. FIRE HYDRANT.
- E. 5' MIN. SIDEWALK WIDTH.
- F. BACK OF CURB.
- G. EXTERIOR EDGE OF SIDEWALK TO BE TANGENT TO ARCS.
- H. 1/2" EXPANSION JOINT MATERIAL.



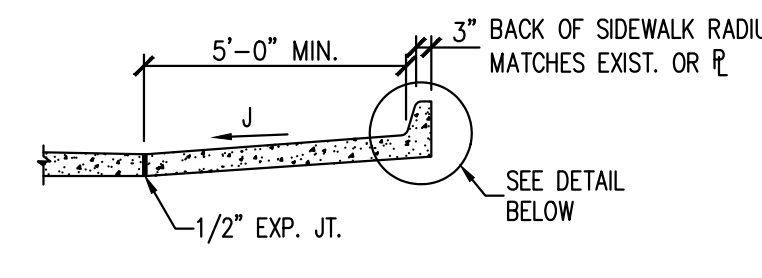
DETAIL A MINIMAL R.O.W. FOR SIDEWALK AT BACK OF CURB PERPENDICULAR RAMP



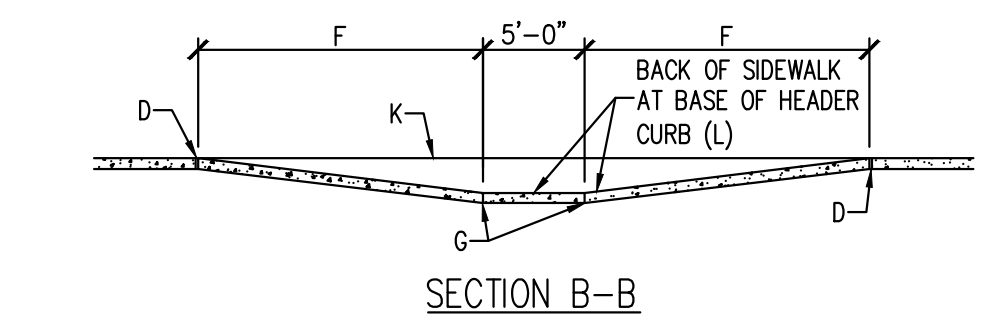
DETAIL B ADEQUATE R.O.W. FOR SETBACK SIDEWALK ADJACENT TO P PERPENDICULAR RAMP



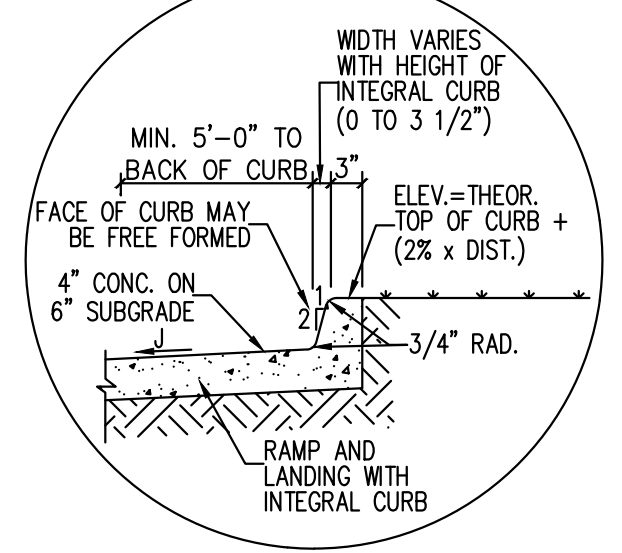
SECTION A-A



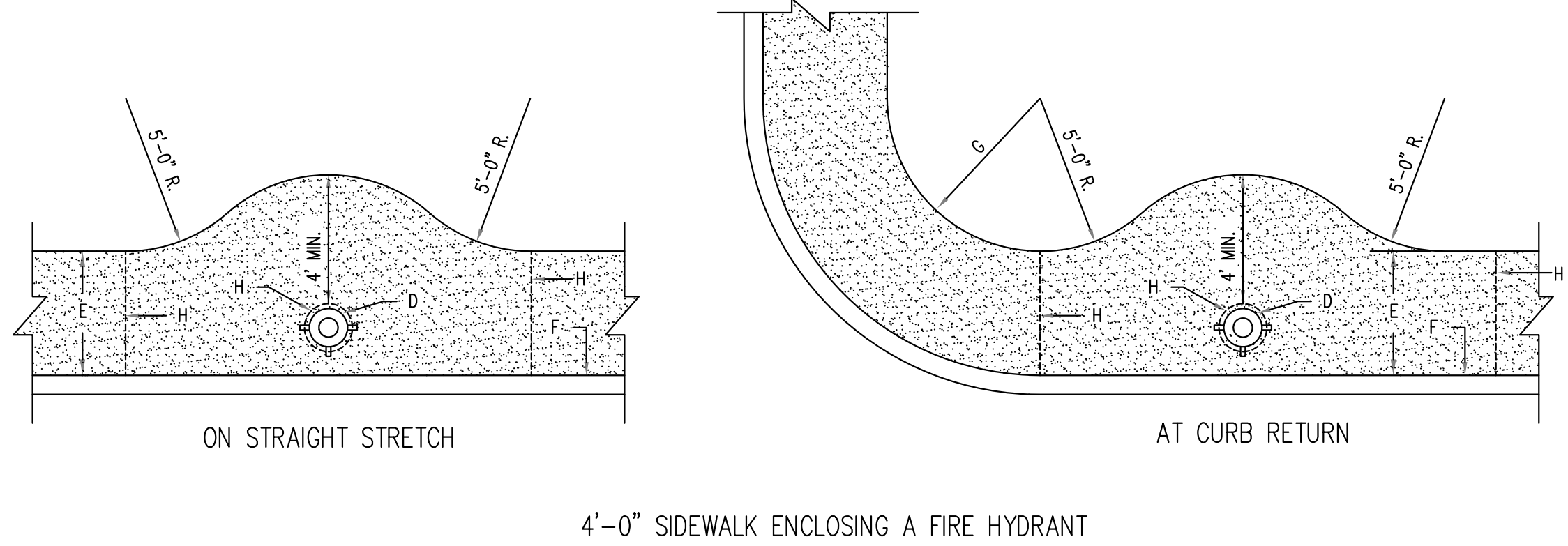
ALTERNATE SECTION A-A



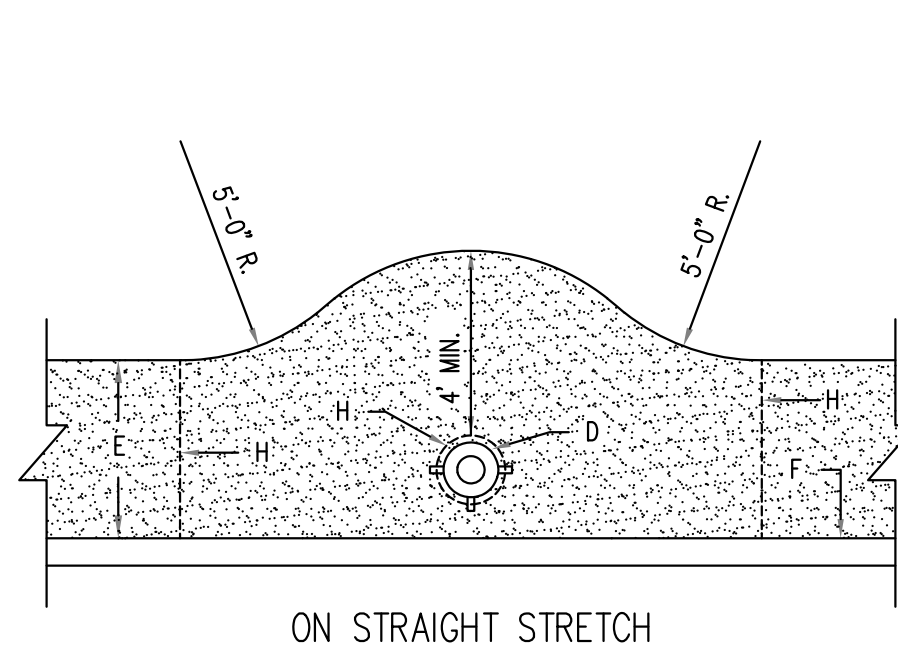
SECTION B-B



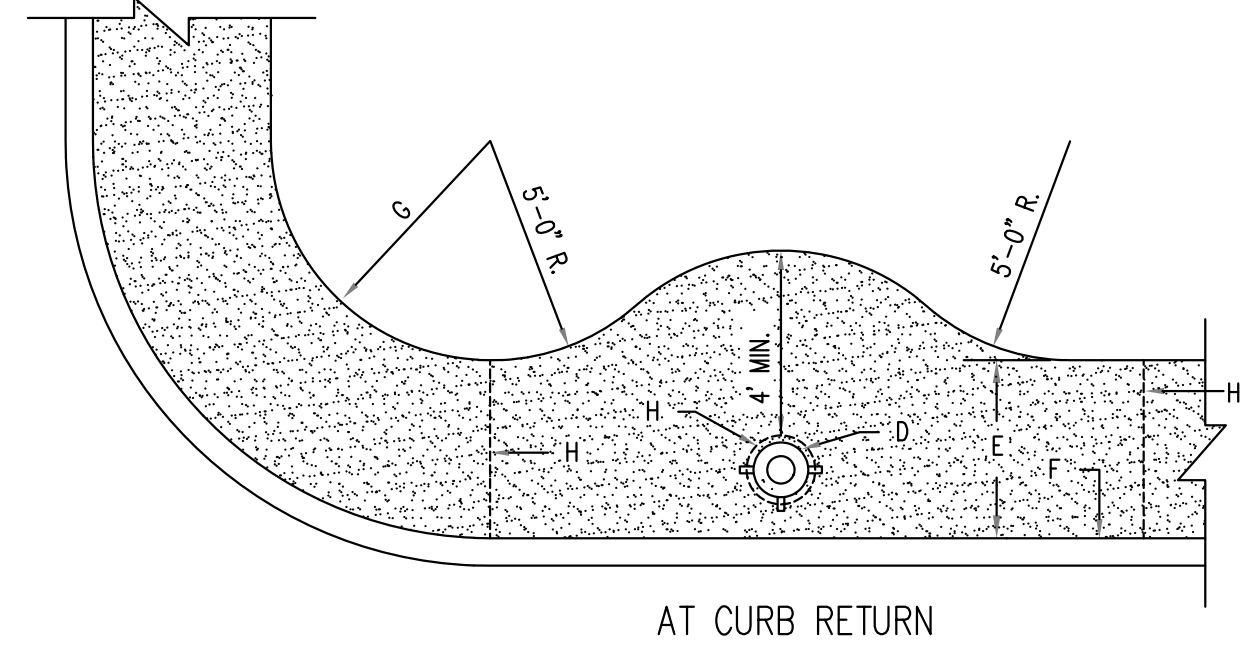
RAMP AND LANDING WITH INTEGRAL CURB



UTILITY POLE OR TREE OBSTRUCTION



ON STRAIGHT STRETCH



AT CURB RETURN

REVISIONS	CITY OF ALBUQUERQUE
	PAVING SIDEWALK OBSTRUCTIONS DWG. 2431 JUNE 2019

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NO.	DATE	DESCRIPTION

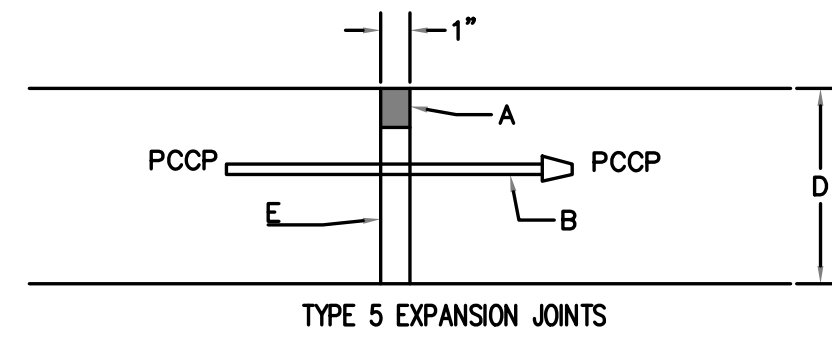
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7300 Meridian Pl NW
Albuquerque, NM 87121

Project Manager:
CJF
Checked By:
MVE
Drawn by:
ELM
Document date:
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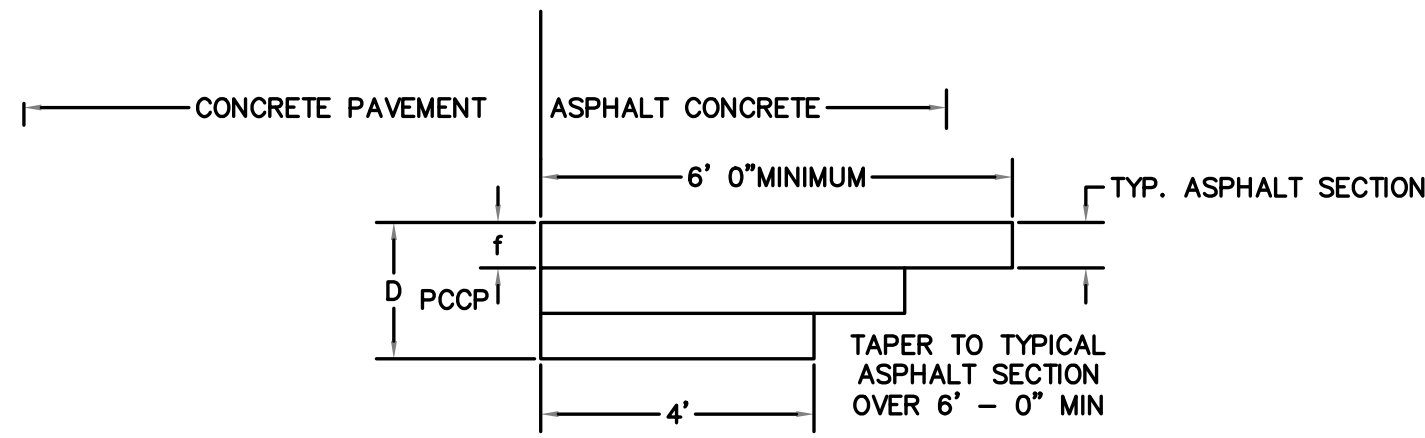
CALEB J. FLAKE
REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
24114

11/12/2020
Sheet Title
DETAILS
Sheet No.
DET_008

JOINT DIMENSION								
D	a	b	c	d	e	TRANS. JOINT	LONG. JOINT	g
						f-min	f-min	
5"	1"	1 - 3/4"	1 - 1/2"	1"	2"	1/4 D	1/3 D	1/2 D
6"	1"	2 - 1/4"	1 - 1/2"	1"	2 - 1/2"	1/4 D	1/3 D	1/2 D
8"	1"	3"	2"	1 - 1/2"	3 - 1/4"	1/4 D	1/3 D	1/2 D



TYPE 5 EXPANSION JOINTS

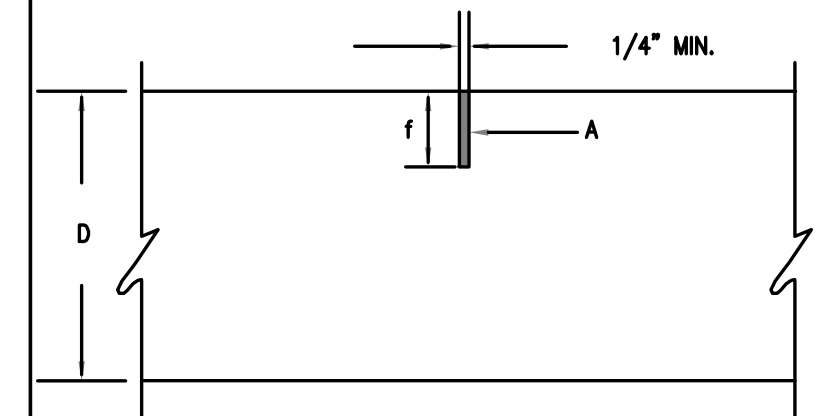


TYPE 6 TRANSITION JOINT
CONCRETE TO ASPHALT

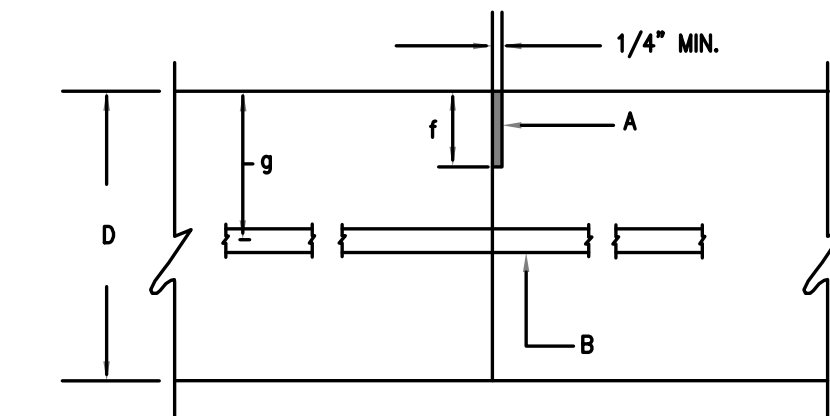
GENERAL NOTES:
 1. THICKNESS OF SLAB SHALL BE AS INDICATED ON DRAWINGS. SEE TABLE ABOVE.
 2. DAILY CONCRETE PLACEMENT SHALL TERMINATE AT A JOINT.

CONSTRUCTION NOTES:
 A. JOINT FILLER, INSTALL PER MANF. INSTR. OVER BACKER ROD OR JOINT TAPE.
 B. 3/4" DIA 16" SMOOTH DOWEL BAR @ 12" O.C., 1/2 GREASED 1/2 PAINTED.
 C. NO.4 DEFORMED BARS, 3' - 0" LONG AT 2' - 0" O.C.
 D. THICKNESS OF SLABS.
 E. COMPRESSIBLE FILLER FULL HEIGHT.

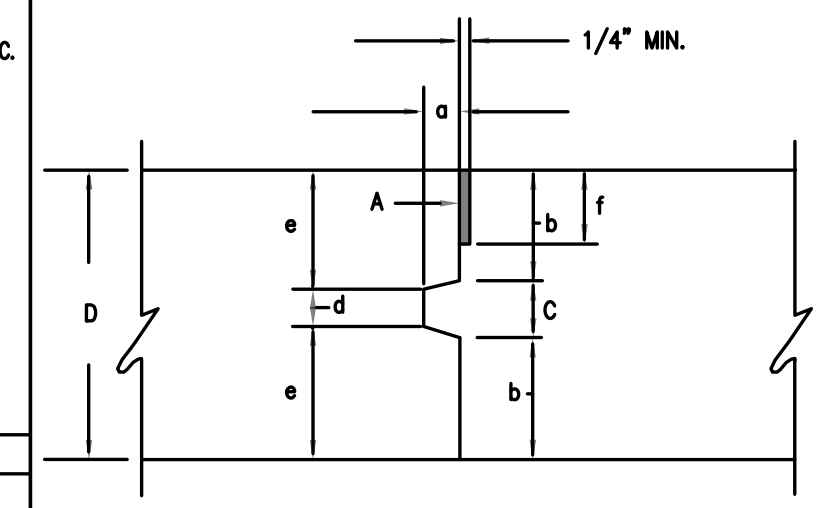
REVISIONS	CITY OF ALBUQUERQUE
	PAVING
	CONCRETE JOINTS TYPES 5 & 6
	DWG. 2451
	JUNE 2019



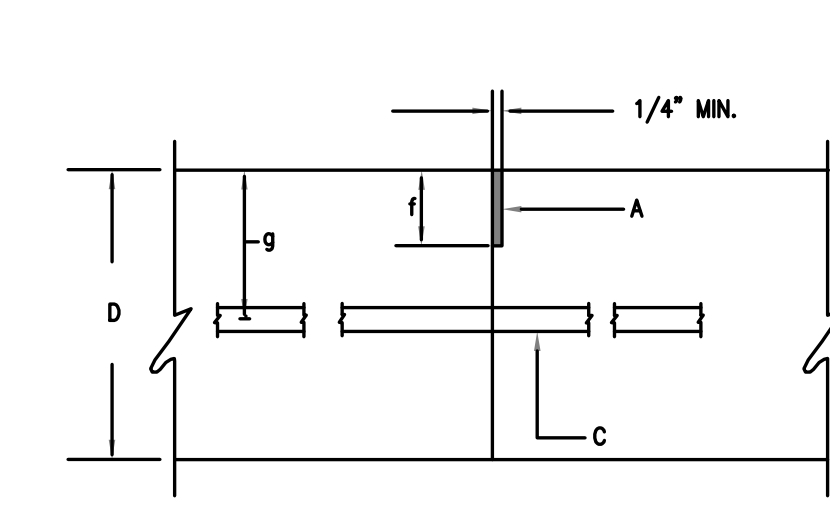
TYPE 1
SAWED JOINT
(LONGITUDINAL OR TRANSVERSE)



TYPE 2
CONSTRUCTION JOINT
(TRANSVERSE)



TYPE 3
CONSTRUCTION JOINT
(LONGITUDINAL)



TYPE 3 ALTERNATE
CONSTRUCTION JOINT
(LONGITUDINAL)

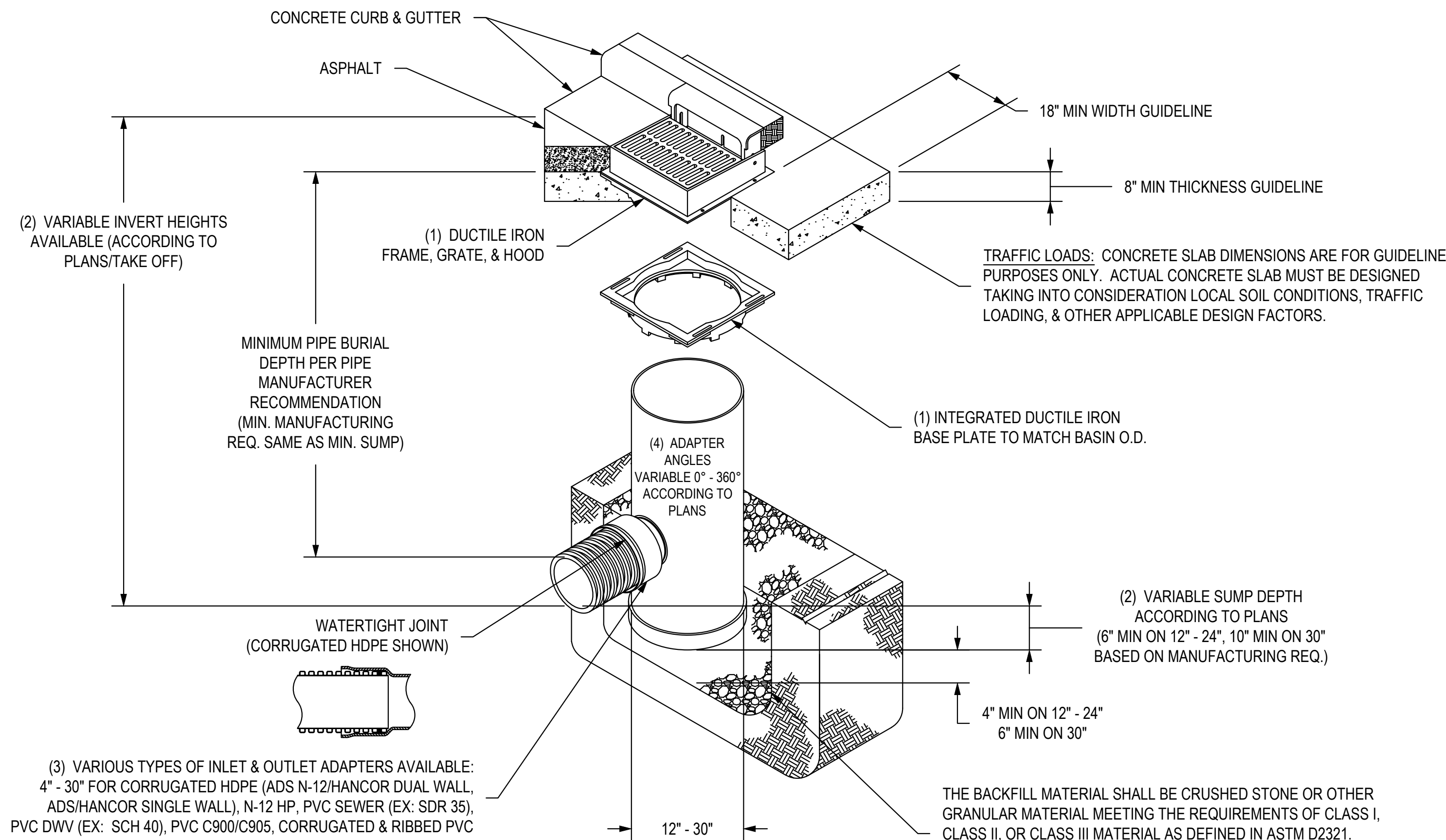
GENERAL NOTES:
 1. THICKNESS OF SLAB SHALL BE AS INDICATED ON DRAWINGS.

JOINT DIMENSIONS								
D	a	b	c	d	e	TRANS. JOINT	LONG. JOINT	g
						f-min	f-min	
5"	1"	1 3/4"	1 1/2"	1"	2"	1/4 D	1/3 D	1/2 D
6"	1"	2 1/4"	1 1/2"	1"	2 1/2"	1/4 D	1/3 D	1/2 D
8"	1"	3"	2"	1 1/2"	3 1/4"	1/4 D	1/3 D	1/2 D

CONSTRUCTION NOTES:
 A. JOINT FILLER, INSTALL PER MANF. INSTR.
 B. NO.4 DEFORMED BARS, 3'-0" LONG AT 2'-0" O.C.
 C. NO.4 DEFORMED BARS, 3'-0" LONG AT 5'-0" O.C.
 D. THICKNESS OF SLAB.

REVISIONS	CITY OF ALBUQUERQUE
	PAVING
	CONCRETE JOINTS
	DWG 2450
	JUNE 2019

NYLOPLAST 2 FT X 2 FT CURB INLET STRUCTURE: 30 __ AGS __ X



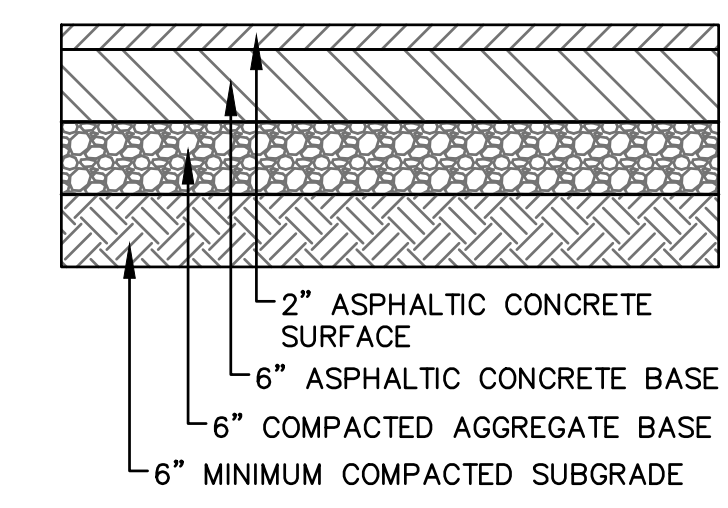
- 1 - 12" - 30" FRAMES, GRATES, HOODS, & BASE PLATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- 2 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS.
- 3 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER (4" - 24").
- 4 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.
- 5 - ALL CURB INLET GRATE OPTIONS (STANDARD & DIAGONAL) SHALL MEET H-20 LOAD RATING

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DATE 01-23-06	PROJECT NO./NAME	
REVISOR BY NMH	DATE 03-10-16	
DWG SIZE A	SCALE 1:50	SHEET 1 OF 1

Nyloplast
 3130 VERONA AVE
 BUFORD, GA 30518
 PHN (770) 932-2443
 FAX (770) 932-2490
 www.nyloplast-us.com

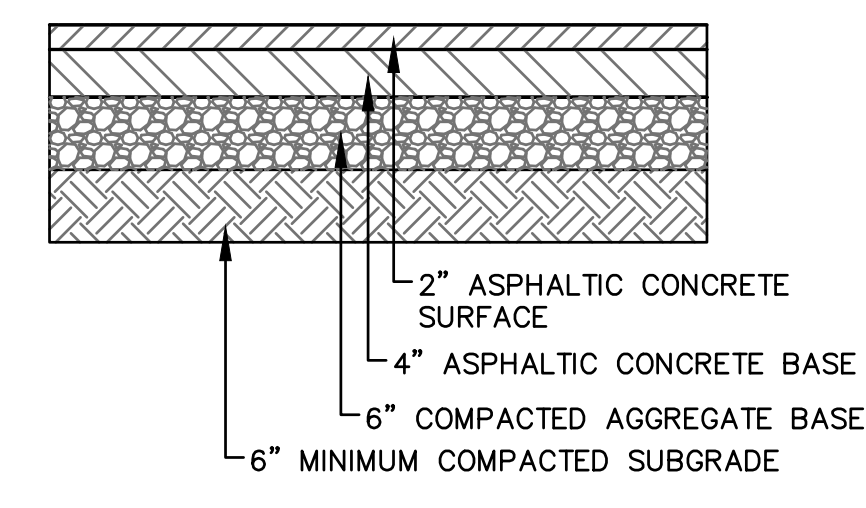
TITLE
 DRAIN BASIN WITH 2 FT X 2 FT CURB INLET
 QUICK SPEC INSTALLATION DETAIL

DWG NO. 7002-110-032 REV H



**HEAVY DUTY
ASPHALT
PAVEMENT DETAIL**

ALL ASPHALT, AGGREGATE BASE AND COMPACTION REQUIREMENT SHALL ADHERE TO THE CITY OF ALBUQUERQUE REQUIREMENTS.



**LIGHT DUTY
ASPHALT
PAVEMENT DETAIL**

ALL ASPHALT, AGGREGATE BASE AND COMPACTION REQUIREMENT SHALL ADHERE TO THE CITY OF ALBUQUERQUE REQUIREMENTS.

PLOT DATE: 11/12/2020 9:24 AM
 P:\191313-000\06-DRAWINGS\CIVIL\SITE PLAN SHEETS\191313-000 DETL.DWG

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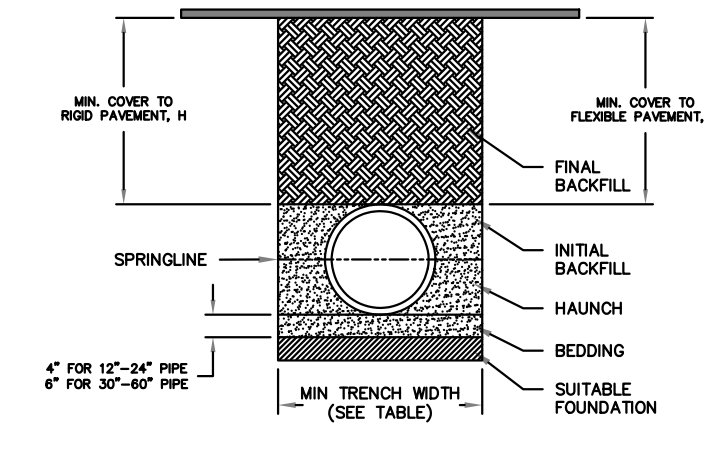
Project Manager:
 C.J.F.
 Checked By:
 MVE
 Drawn by:
 ELM
 Document date:
 05/18/2020
 Project No.
 30000481 MEC# 191313-000
 Professional Seal

Sheet Title
 DETAILS

Sheet No.
DET_009

CALEB J. FLAKE
 NEW MEXICO
 24114
 REGISTERED PROFESSIONAL ENGINEER
 11/12/2020

HP STORM TRENCH INSTALLATION DETAIL



- NOTES:
- ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2231. STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS. LATEST EDITION. WITH THE EXCEPTION THAT THE INITIAL BACKFILL MAY EXTEND TO THE CROWN OF THE PIPE. SOIL CLASSIFICATIONS ARE PER THE LATEST VERSION OF ASTM D2221. CLASS OR MATERIALS OR CHANGES DEFINED IN PREVIOUS VERSIONS OF ASTM D2221 ARE NOT APPROPRIATE BACKFILL MATERIALS.
 - MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
 - FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
 - BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II, OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. COMPACTATION SHALL BE 90% OF MAXIMUM DENSITY PER ASTM D1557 OR AS SHOWN ON THE PLAN. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 12" (300mm) DIAMETER PIPE, 6" (150mm) FOR 30" (750mm) DIAMETER PIPE, THE MIDDLE 1/3 BENEATH THE PIPE INVERT SHALL BE LOOSELY PLACED.
 - INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II, OR III IN THE PIPE ZONE EXTENDING TO THE CROWN OF THE PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE COMPACTED TO A DENSITY OF NOT LESS THAN 90% OF MAXIMUM DENSITY PER ASTM D1557. CLASS IV MATERIALS AS DEFINED IN ASTM D2221 ARE NOT APPROPRIATE BACKFILL MATERIALS.
 - MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTTATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 60" DIAMETER PIPE. MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO BOTTOM OF RIGID PAVEMENT. EMBEDMENT OF THE PIPE SHALL BE USING ONLY A CLASS I OR CLASS II BACKFILL.
 - FOR ADDITIONAL INFORMATION SEE TECHNICAL NOTE 2.04.

TABLE 1. RECOMMENDED MINIMUM TRENCH WIDTHS

PIPE DIAM. (IN)	MIN. TRENCH WIDTH (IN)
12" (300mm)	30"
15" (375mm)	36"
18" (450mm)	42"
24" (600mm)	48"
30" (750mm)	54"
36" (900mm)	60"
42" (1050mm)	66"
48" (1200mm)	72"
54" (1350mm)	78"
60" (1500mm)	84"

TABLE 2. MINIMUM RECOMMENDED COVER BASED ON SURFACE LOADING CONDITIONS

PIPE DIAM.	H-25	HEAVY CONSTRUCTION (75T AXLE LOAD)
12" - 48"	12"	48"
30" (750mm)	30"	120"
60" (1500mm)	60"	152.4mm

TABLE 3. MAXIMUM RECOMMENDED COVER FOR PIPE SYSTEMS

PIPE DIA. (IN)	CLASS I		CLASS II		CLASS III	
	COMPACTED	DUMPED	95%	90%	95%	90%
4"	37	18	25	18	18	18
6"	44	20	29	20	21	18
12"	55	25	37	25	27	21
15"	62	28	42	28	30	24
18"	69	31	47	31	33	27
24"	81	37	56	37	40	33
30"	93	43	65	43	47	39
36"	105	49	74	49	54	45
42"	117	55	83	55	61	51
48"	129	61	92	61	68	57
54"	141	67	101	67	75	63
60"	153	73	110	73	82	69

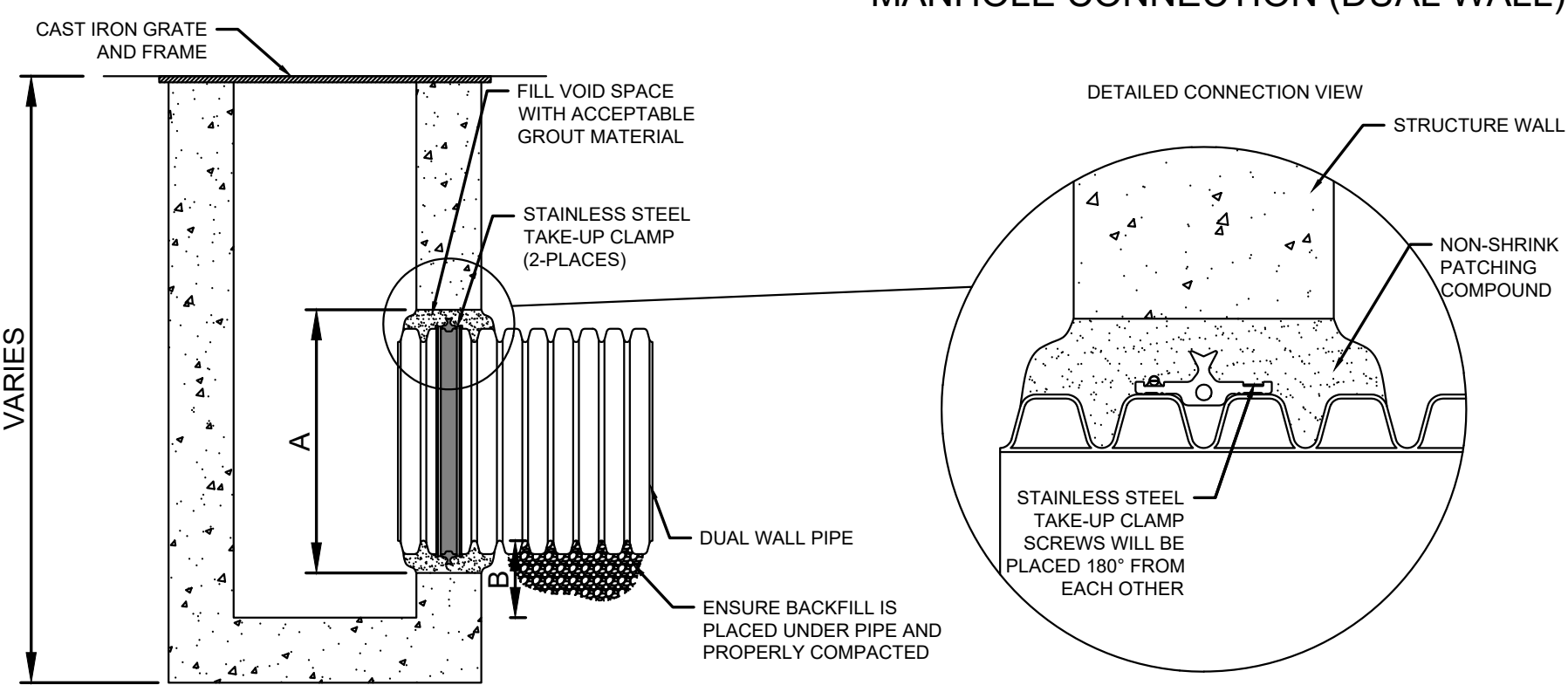
FILL HEIGHT TABLE GENERATED USING AASHTO SECTION 12 LOAD RESISTANCE FACTOR DESIGN (LRFD) PROCEDURE WITH THE FOLLOWING ASSUMPTIONS: NO HYDROSTATIC PRESSURE. UNIT WEIGHT OF SOIL (γ) = 120 PCF.

REVISIONS

NO.	DESCRIPTION	DATE
1	DRAINAGE	MAY 2020
2	HP STORM TRENCH INSTALLATION	MAY 2020

CITY OF ALBUQUERQUE
DRAINAGE
HP STORM TRENCH INSTALLATION
FIG. 2210

12'-60" WATERSTOP GROUDED MANHOLE CONNECTION (DUAL WALL)



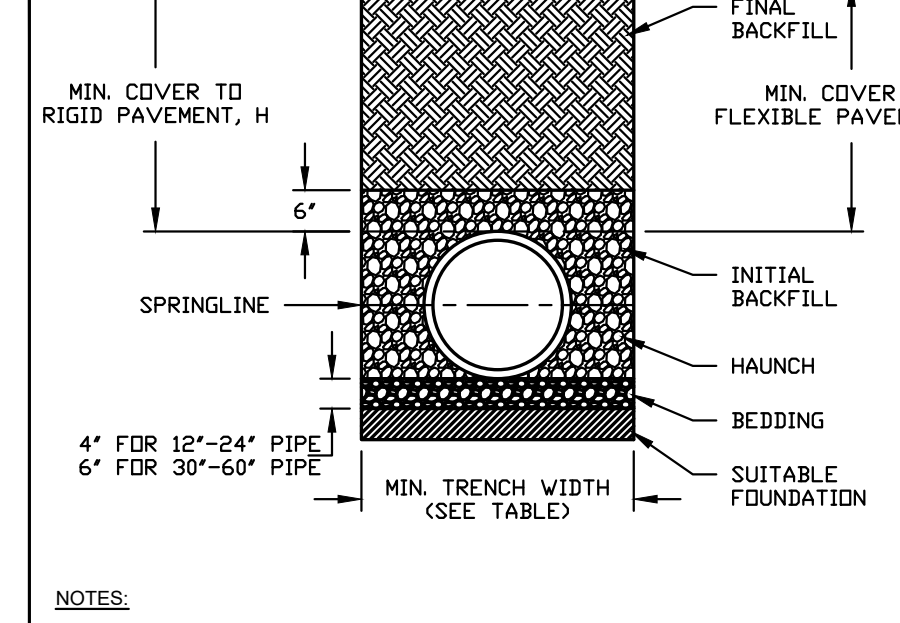
PIPE SIZE (IN)	PIPE O.D. (IN)	1/4" MIN. HOLE DIA. (IN)	1/4" MIN. DISTANCE PIPE INVERT TO STRUCTURE INVERT (IN)
12	14.5	19.50	3.7
15	17.8	23.00	4.0
18	21.2	26.50	4.2
24	27.8	33.25	4.5
30	35.1	40.50	5.2
36	41.1	47.00	5.5
42	47.7	53.00	5.7
48	53.8	59.00	5.7
60	66.3	72.00	6.4

NOTES:
PERFORMANCE HIGHLY DEPENDENT ON INSTALLATION. CONTRACTOR MUST ENSURE MANHOLE GASKET IS UNIFORMLY SEATED AROUND ADAPTER. EXTRA PRECAUTIONS MUST BE TAKEN TO PREVENT DIFFERENTIAL SETTLEMENT BETWEEN THE PIPE AND MANHOLE.

THE INSTALLATION DETAILS PROVIDED HEREIN ARE GENERAL RECOMMENDATIONS AND ARE NOT SPECIFIC FOR THIS PROJECT. THE DESIGN ENGINEER SHALL REVIEW THESE DETAILS PRIOR TO CONSTRUCTION. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ENSURE THE DETAILS PROVIDED HEREIN ARE ACCEPTABLE FOR THIS PROJECT.

COA WATERSTOP GROUDED MANHOLE CONNECTION DETAIL

RECOMMENDED MINIMUM TRENCH WIDTHS



PIPE DIAM.	MIN. TRENCH WIDTH
4"	21"
6"	23"
12"	29"
15"	31"
18"	33"
24"	39"
30"	45"
36"	51"
42"	57"
48"	63"
60"	75"

MINIMUM RECOMMENDED COVER BASED ON VEHICLE LOADING CONDITIONS*

PIPE DIAM.	SURFACE LIVE LOADING CONDITION	
	H-25	HEAVY CONSTRUCTION (75T AXLE LOAD)
12" - 48"	12"	48"
300mm - 1200mm	(305mm)	(1219mm)

VEHICLES IN EXCESS OF 75T MAY REQUIRE ADDITIONAL COVER BASED ON LOCAL REQUIREMENTS IN AFFECTED AREAS.

MAXIMUM RECOMMENDED COVER BASED ON VEHICLE LOADING CONDITIONS

PIPE DIAM.	CLASS I			CLASS II		CLASS III	
	COMPACTED	DUMPED	95%	90%	95%	90%	
4"	37	18	25	18	18	18	18
6"	44	20	29	20	21	18	18
12"	55	25	37	25	27	21	18
15"	62	28	42	28	30	24	18
18"	69	31	47	31	33	27	18
24"	81	37	56	37	40	33	18
30"	93	43	65	43	47	39	18
36"	105	49	74	49	54	45	18
42"	117	55	83	55	61	51	18
48"	129	61	92	61	68	57	18
54"	141	67	101	67	75	63	18
60"	153	73	110	73	82	69	18

- NOTES:
- ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2231. STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS. LATEST EDITION.
 - MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
 - FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
 - BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II, OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 12" (300mm) DIAMETER PIPE, 6" (150mm) FOR 30" (750mm) DIAMETER PIPE, THE MIDDLE 1/3 BENEATH THE PIPE INVERT SHALL BE LOOSELY PLACED.
 - INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II, OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 4" ABOVE CROWN TO PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2231, LATEST EDITION.
 - MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTTATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 60" DIAMETER PIPE. MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO BOTTOM OF RIGID PAVEMENT. EMBEDMENT OF THE PIPE SHALL BE USING ONLY A CLASS I OR CLASS II BACKFILL.

FILL HEIGHT TABLE GENERATED USING AASHTO SECTION 12. LOAD RESISTANCE FACTOR DESIGN (LRFD) PROCEDURE WITH THE FOLLOWING ASSUMPTIONS: NO HYDROSTATIC PRESSURE. UNIT WEIGHT OF SOIL (γ) = 120 PCF.

COVER HEIGHTS TO MATCH IN 2:01

REV.	DESCRIPTION	BY	DATE	CHK'D
1				

DESIGNED BY: TLR
DATE: 12/29/16
CHECKED BY: NTS
DATE: 1/10/17
DRAWING NUMBER: STD-101

ADVANCED DRAINAGE SYSTEMS, INC. (ADS) HAS PREPARED THIS DETAIL BASED ON INFORMATION PROVIDED TO ADS. THIS DRAWING IS INTENDED TO SPECIFY THE COMPONENTS AS REQUESTED. ADS HAS NOT PERFORMED AN ENGINEERING OR DESIGN SERVICES FOR THIS PROJECT. NOR HAS ADS INDEPENDENTLY VERIFIED THE INSTALLATION DETAILS PROVIDED HEREIN ARE GENERAL RECOMMENDATIONS AND ARE NOT SPECIFIC FOR THIS PROJECT. THE DESIGN ENGINEER SHALL REVIEW THESE DETAILS PRIOR TO CONSTRUCTION. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ENSURE THE DETAILS PROVIDED HEREIN MEET OR EXCEED THE APPLICABLE NATIONAL, STATE, OR LOCAL REQUIREMENTS AND TO ENSURE THAT THE DETAILS PROVIDED HEREIN ARE ACCEPTABLE FOR THIS PROJECT.

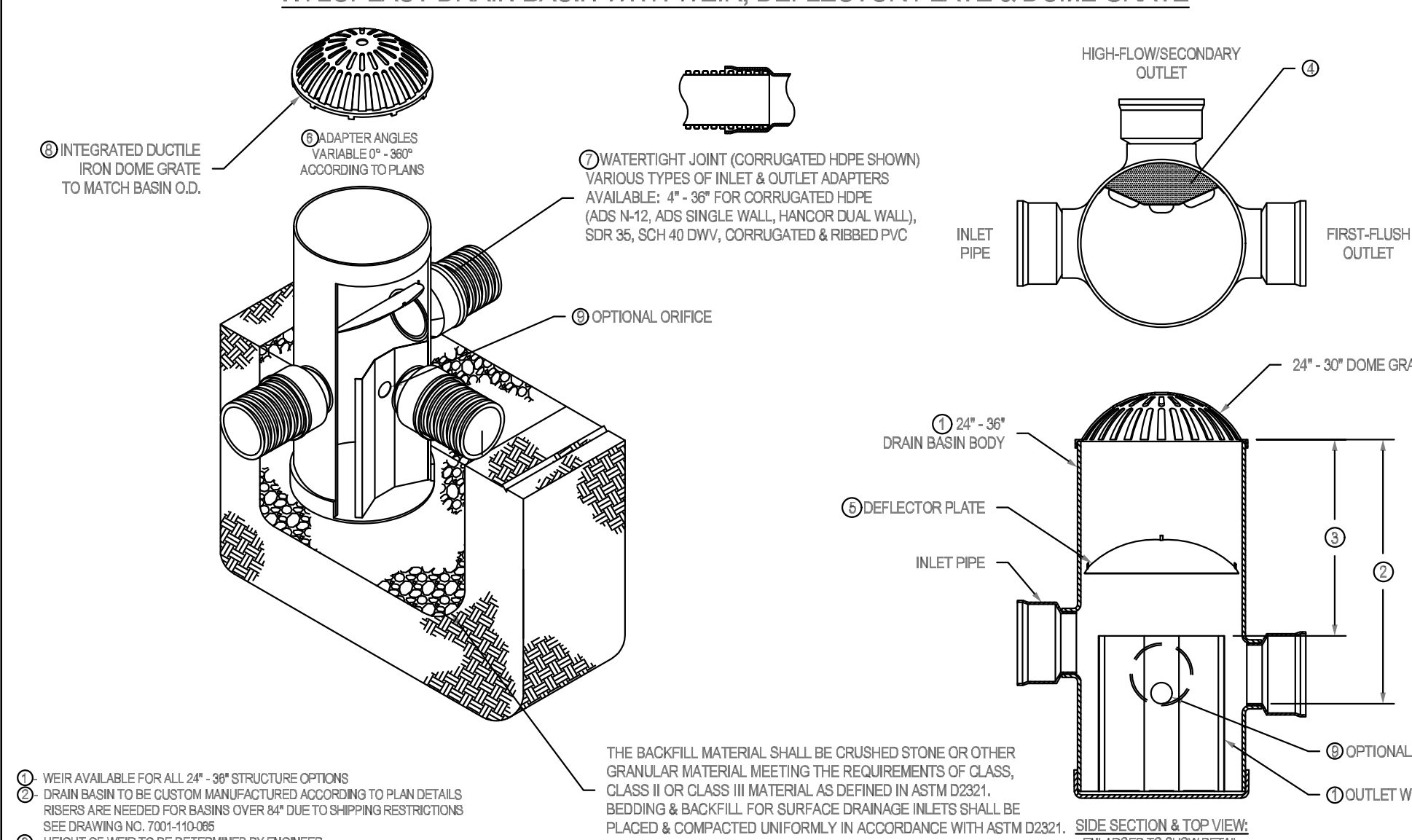
4440 TRUMAN BLVD
HILLIARD, OH 43026
TEL: 614-891-8800
WWW.ADS-DRAINAGE.COM

ELEVATION TABLE (NYLOPLAST DRAIN BASINS)

POND	OUTFLOW NODE	"A"	"B"	"C"	"A-C"	Orifice (in)
1	D1	5103.79	5101.31	5100.56	3.23	0.76
2	L1	5105.53	5103.44	5102.69	2.84	0.76
3	F1	5105.94	5103.96	5103.21	2.73	0.76
4	K1	5108.00	5105.59	5104.84	3.16	0.76
5	O1	5105.83	5103.89	5103.14	2.69	0.76
6	A6	5106.15	5104.16	5103.41	2.74	0.76
7	E2	5105.53	5103.22	5102.47	3.06	0.76
8	J1	5104.17	5101.50	5100.75	3.42	0.95
9	M1	5104.02	5100.85	5100.10	3.92	0.95
10	N1	5103.32	5101.60	5100.85	2.47	0.95
11	H1	5103.27	5101.12	5100.37	2.90	0.95
12	Q1	5103.27	5101.15	5100.40	2.87	0.95
13	P1	5102.90	5099.13	5098.38	4.52	0.72
14	C2	5103.46	5100.99	5100.24	3.22	0.76
15	R1	5104.75	5102.32	5101.57	3.18	0.76
16	B1	5104.60	5102.24	5102.09**	2.36	0.76
17	G5	5103.00	N/A	5100.43	2.57	0.95

*"C" - FLOWLINE OF BOTH THE INCOMING UNDERDRAIN AND THE OUTGOING ORIFICE/PIPE
**POND 17 IS A CURB INLET, BUT WILL HAVE AN ORIFICE AT THE ELEVATION NOTED IN THE TABLE
***ELEVATION "C" FOR OUTFLOW NODE B1 TIES IN TO STRUCTURE A1

NYLOPLAST DRAIN BASIN WITH WEIR, DEFLECTOR PLATE & DOME GRATE

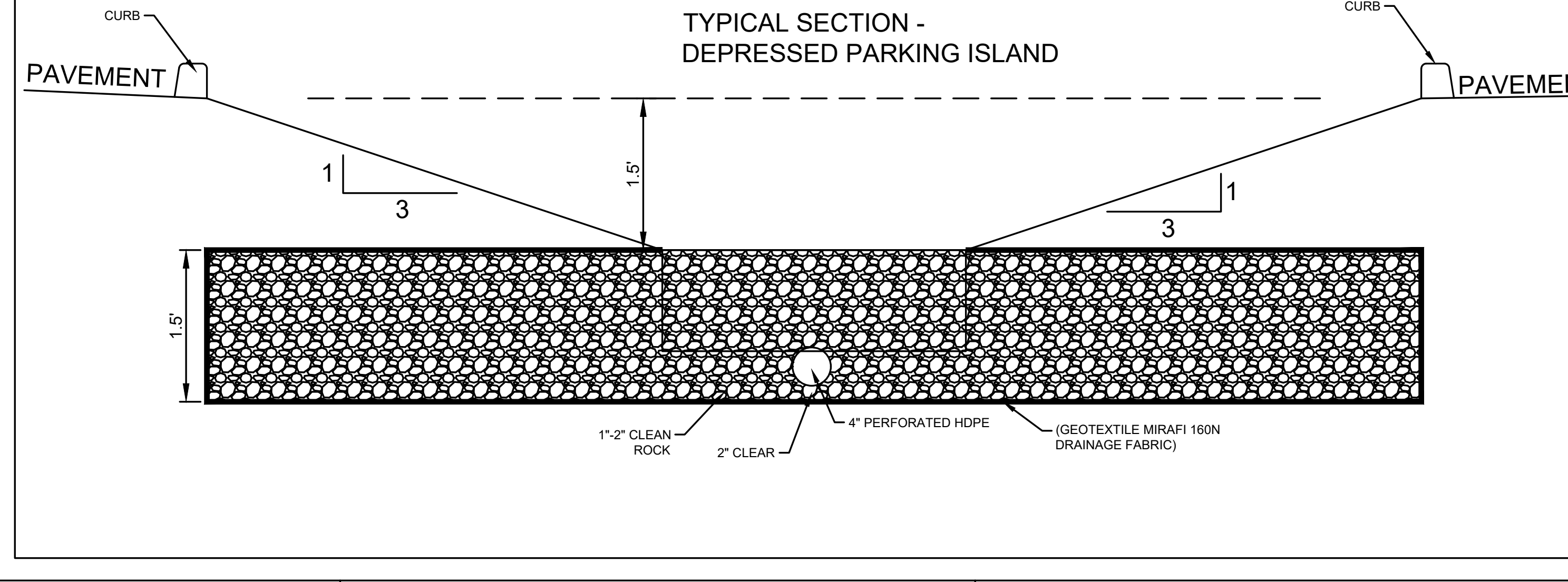
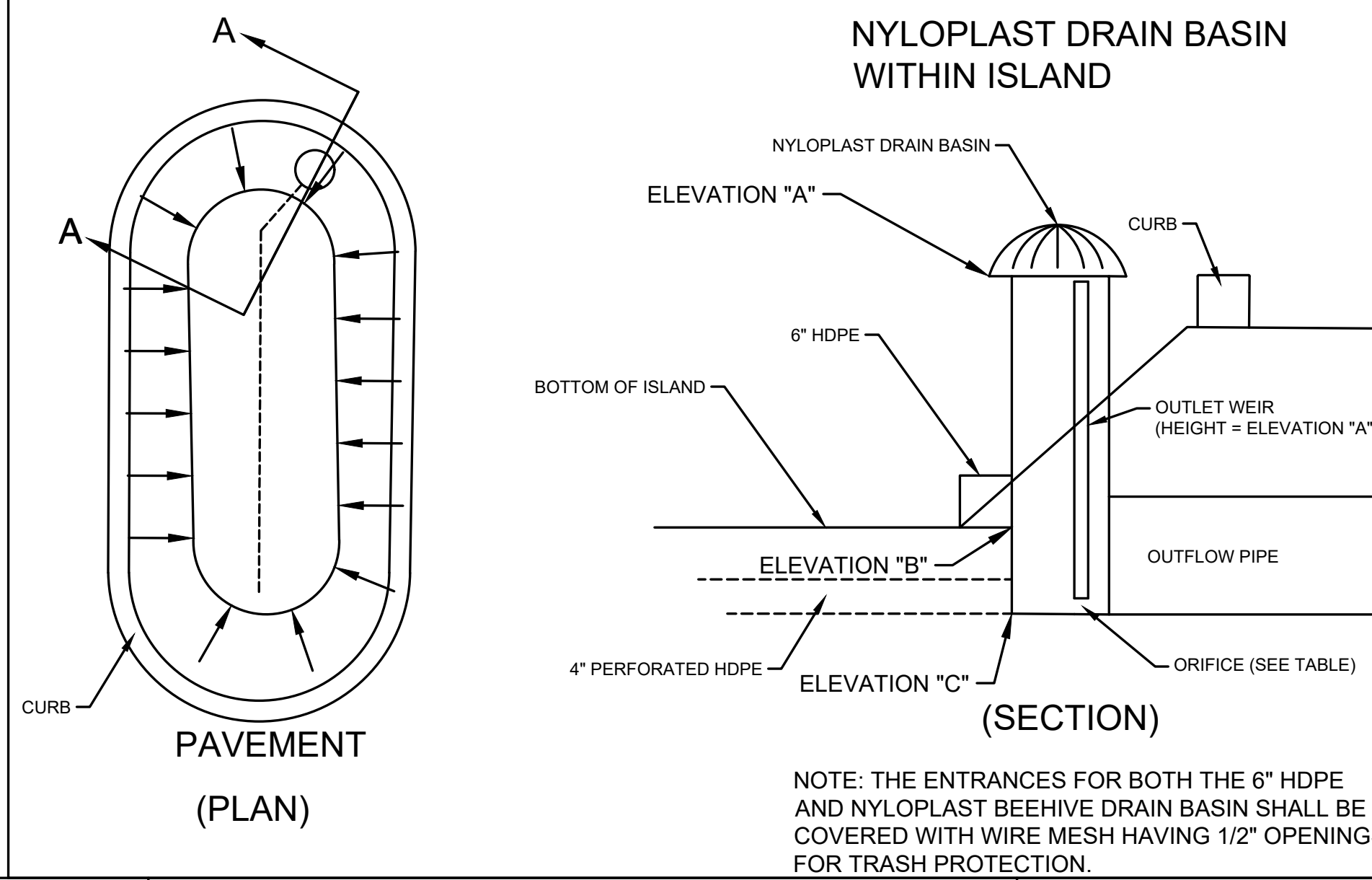


WEIR AVAILABLE FOR ALL 24" - 36" STRUCTURE OPTIONS
DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS
WEIRS ARE REQUIRED FOR BASINS OVER 48" DUE TO SWAPPING RESTRICTIONS (SEE DRAWING NO. 7001-110-008)
HEIGHT OF WEIR TO BE DETERMINED BY ENGINEER
WEIR CUSTOM MANUFACTURED WITH STAINLESS STEEL TO MINIMIZE LOSS OF OUTLET PIPE OPEN AREA
DEFLECTOR PLATE CUSTOM MANUFACTURED WITH STAINLESS STEEL PER ENGINEER'S DESIGN TO PROTECT WEIR OUTLET FROM GRATE INLET ABOVE
ADAPTERS CAN BE MOUNTED ON ANY ANGLE OF 15° TO 80° TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS (SEE DRAWING NO. 7001-110-002)
DRAINAGE CONNECTION JOINT TIGHTNESS SHALL CONFORM TO ASTM D2231 FOR CORRUGATED HDPE (ADS & HANGOR DUAL WALL) & SPS 85 PVC
DOME GRATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-60-6
ORIFICE HOLE OR NOTCH TO BE CUT DURING FABRICATION PROCESS. SIZE AND INVERT ELEVATION MUST BE PROVIDED BY ENGINEER

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DATE: 04-17-20
PROJECT NO. NAME:
APPROVED BY: NHH
DATE: 04-17-20
DWG NO.: 7004-110-048
SCALE: 1/4" = 1'-0"
SHEET: 1 OF 1

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Revisions

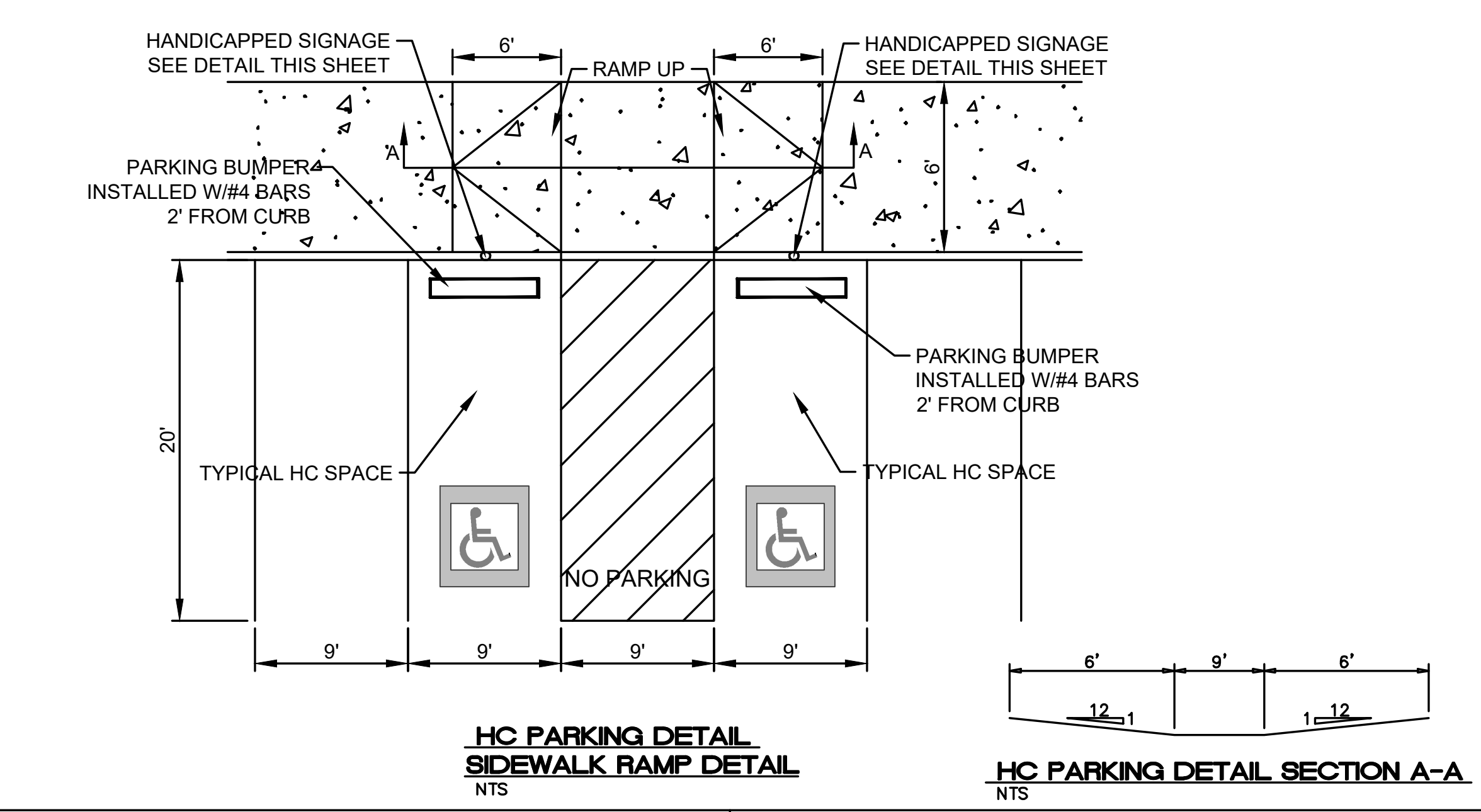
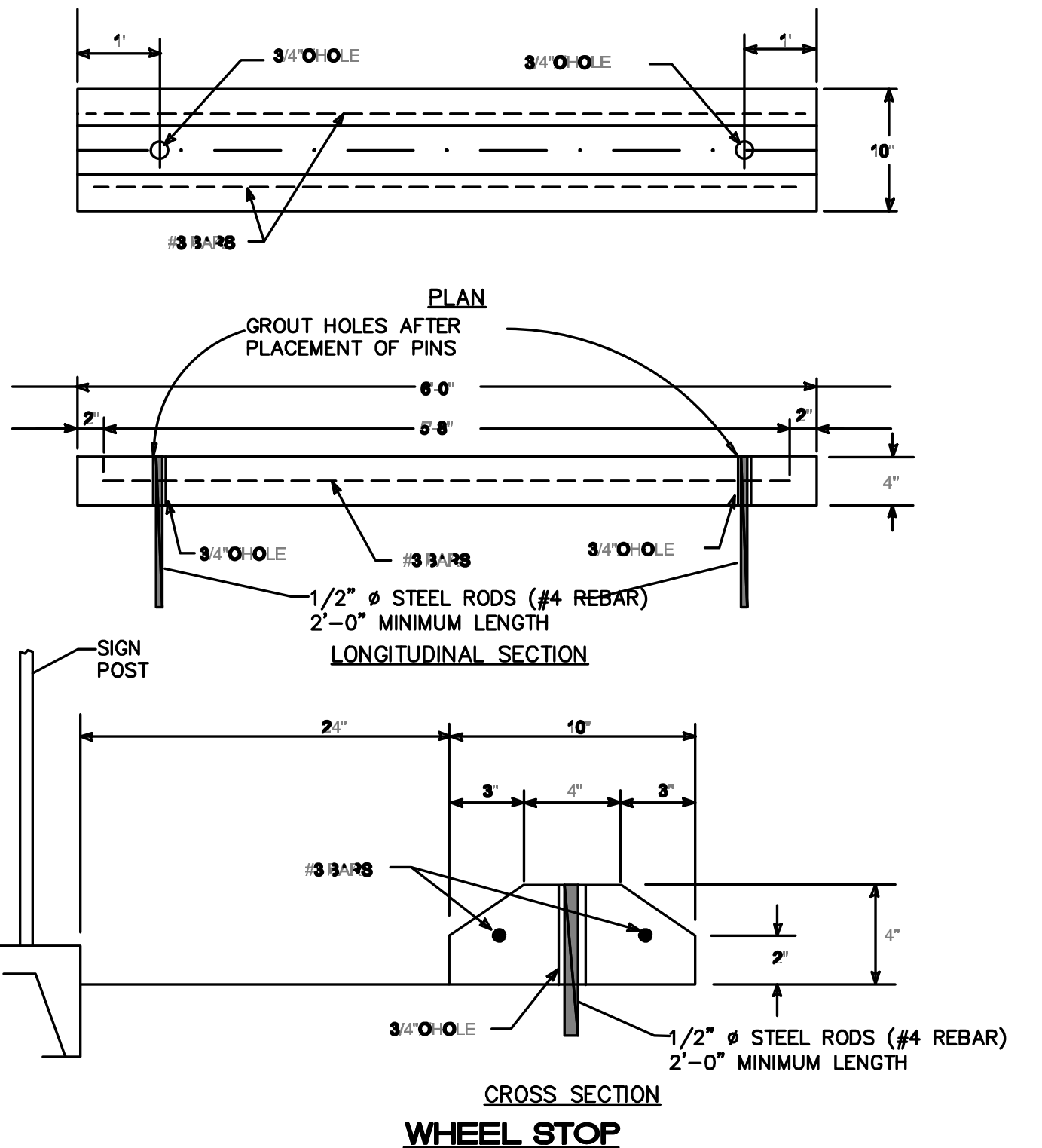
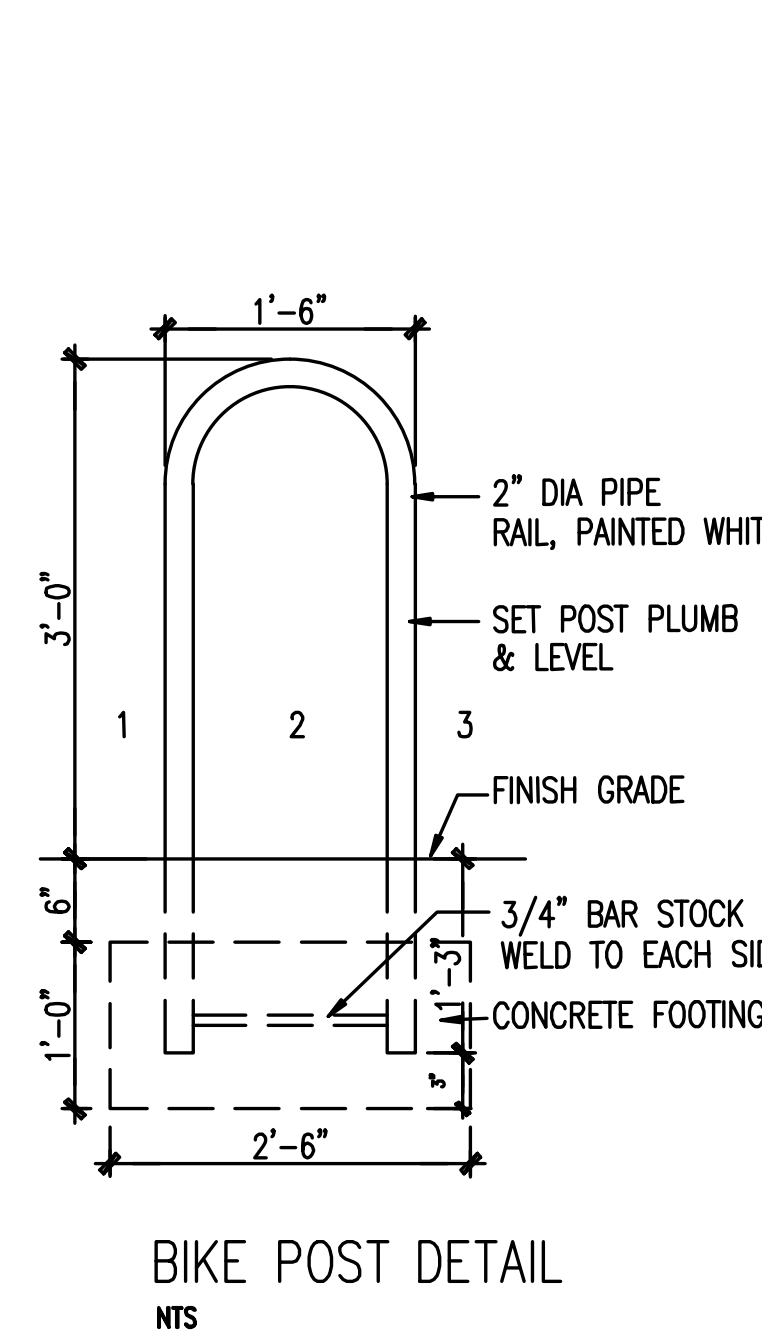
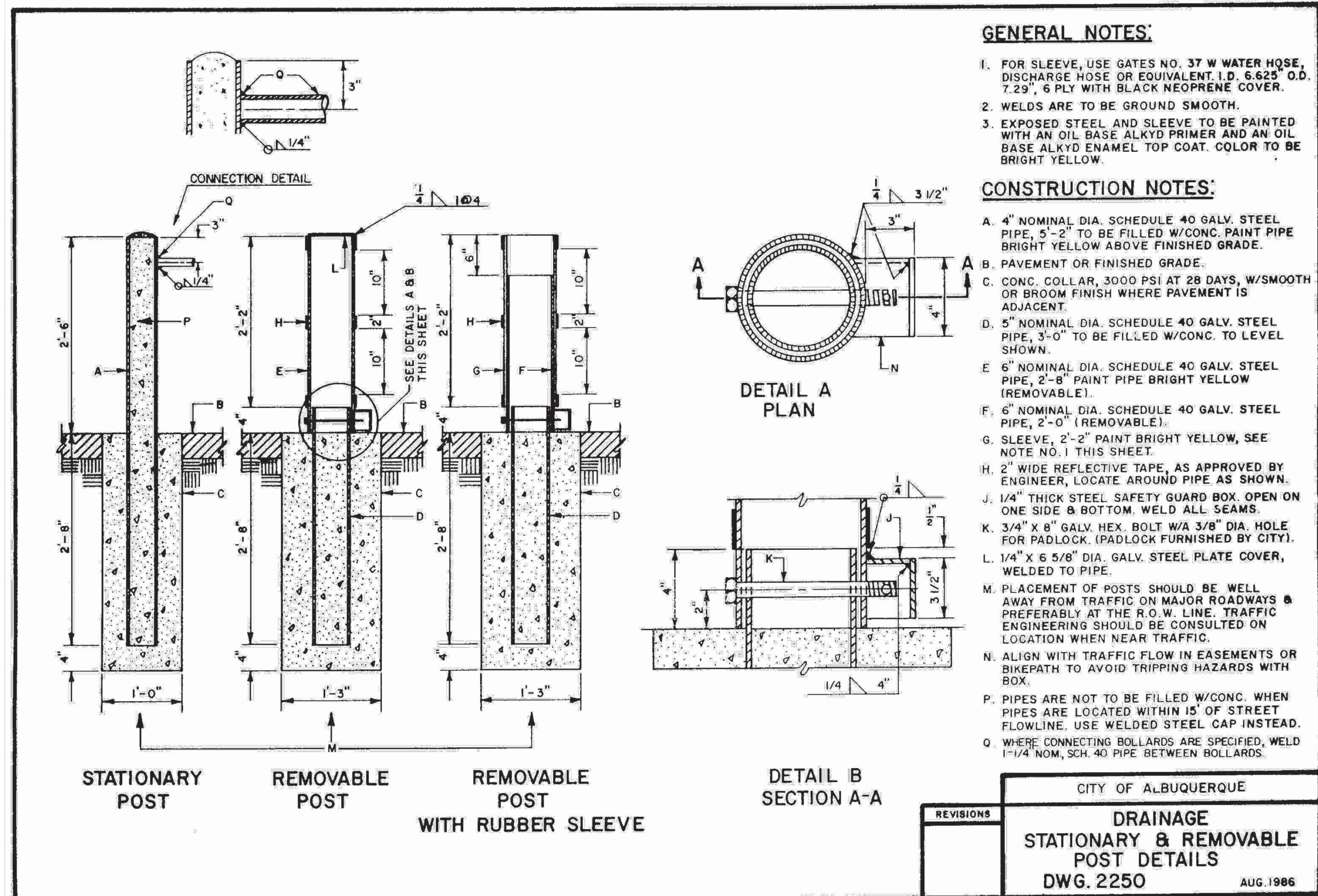
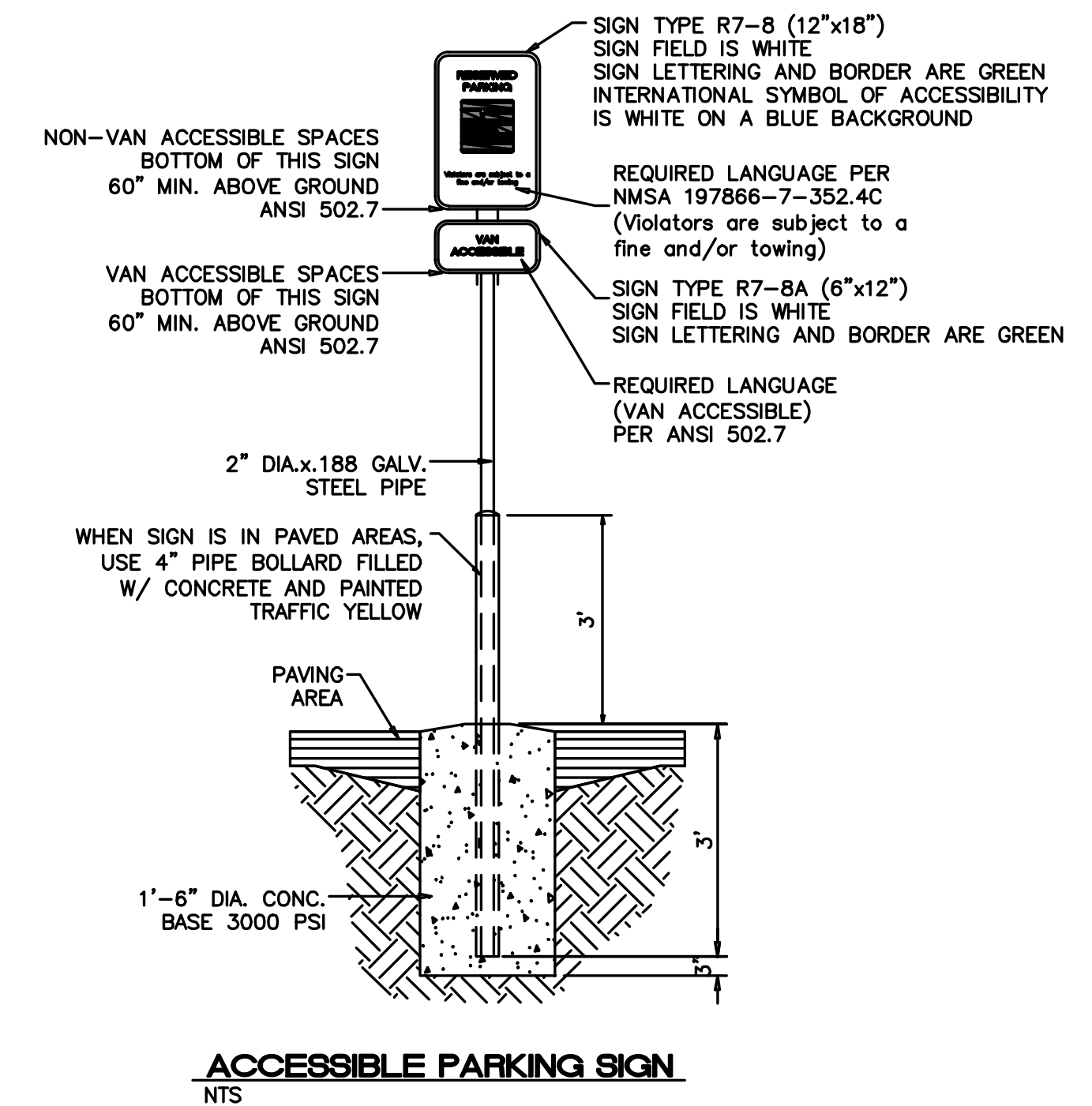
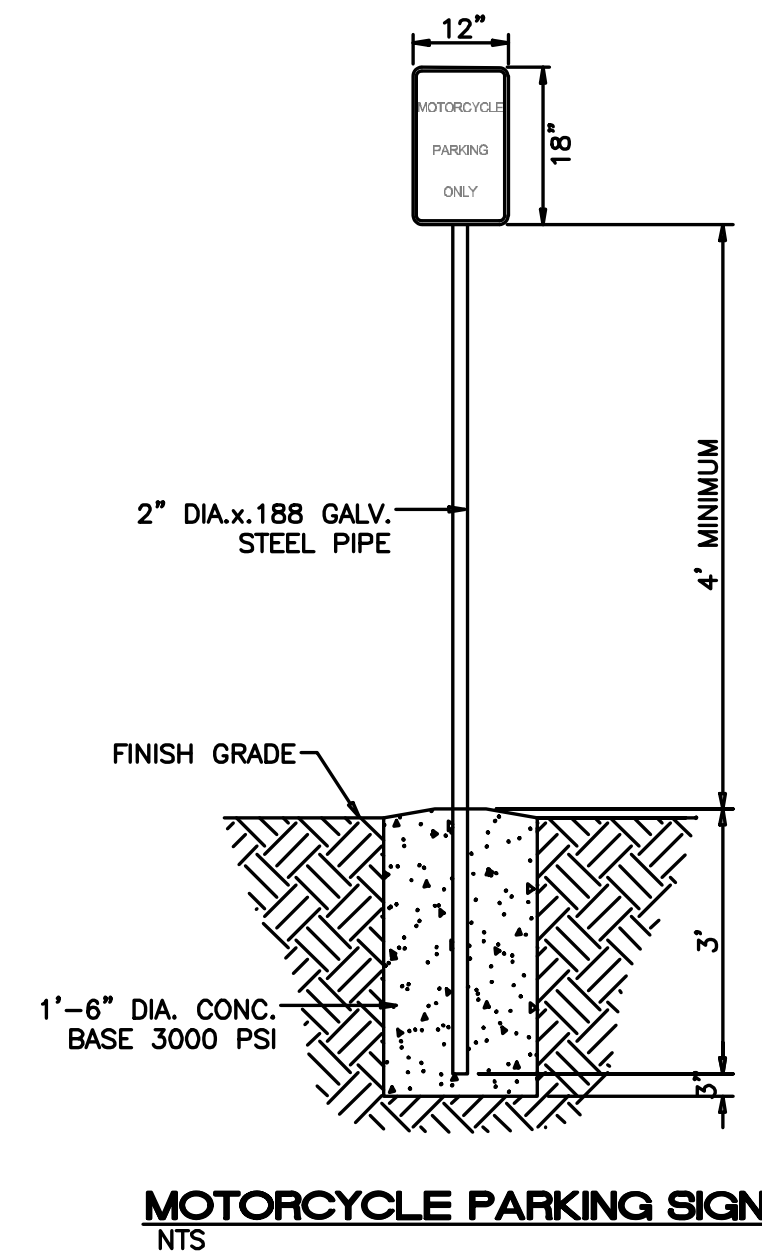
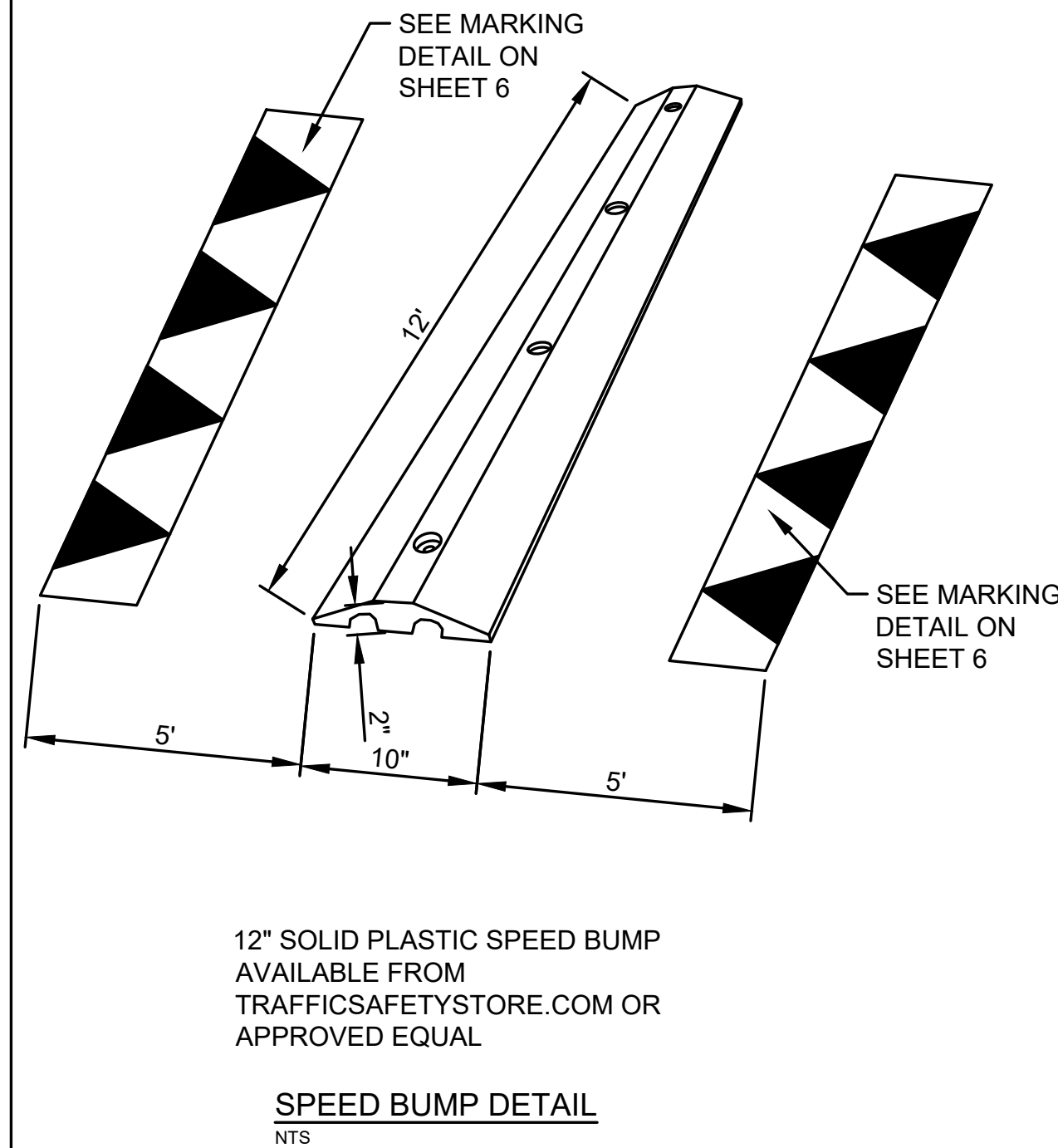
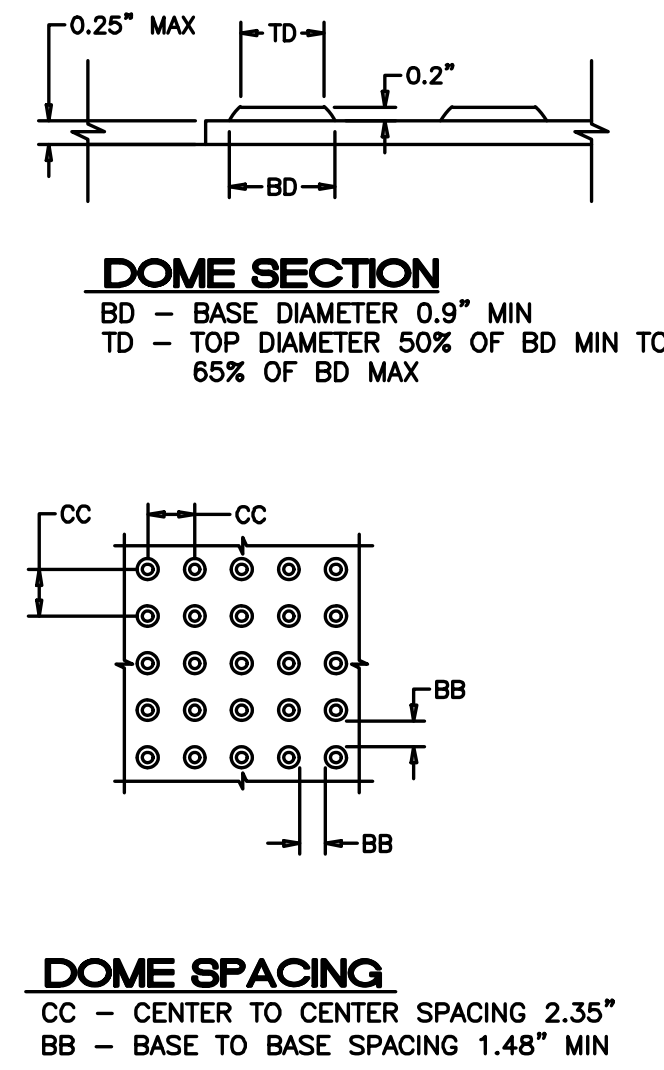
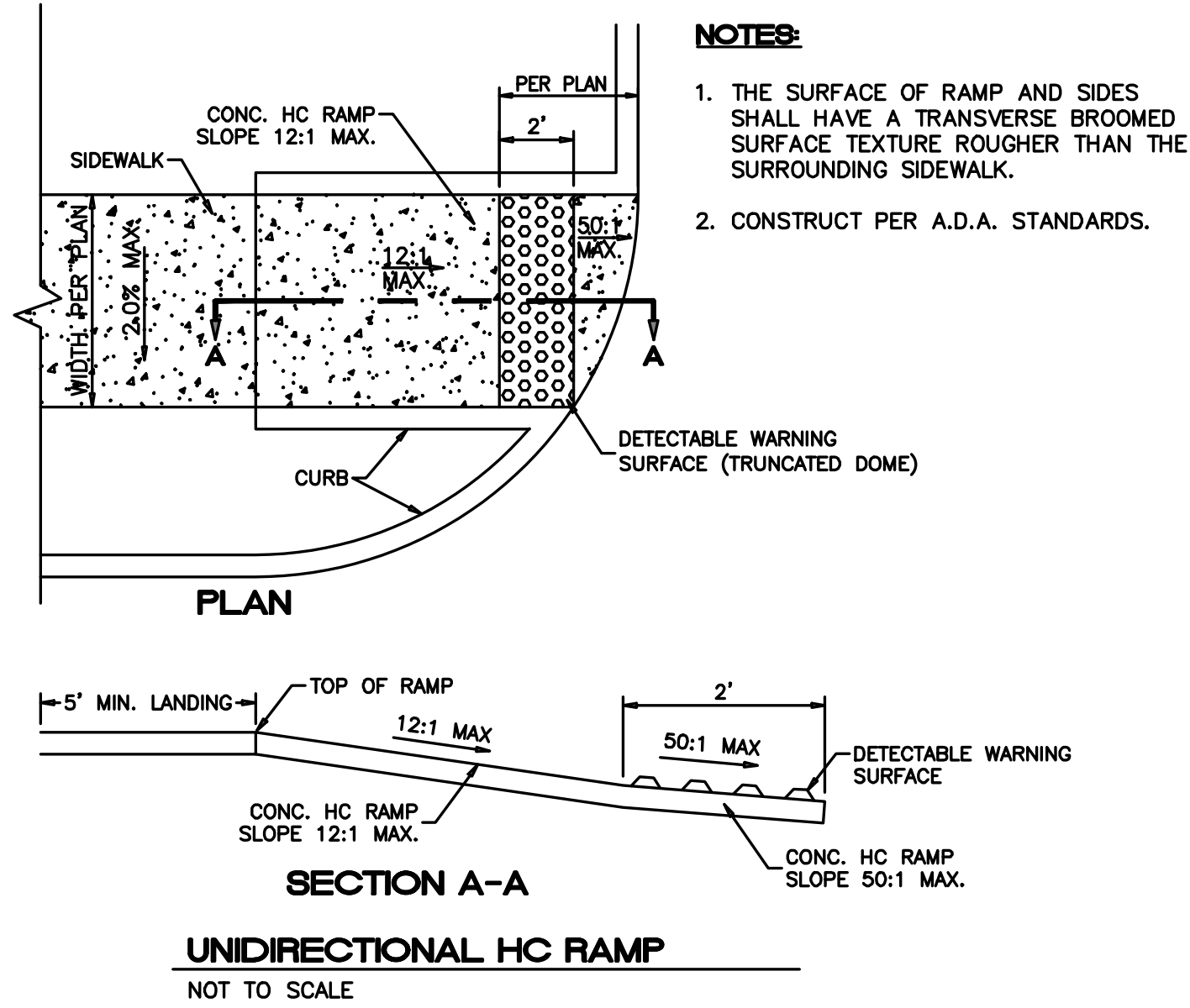
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Albuquerque, NM 87121

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Checked by: MVE
Drawn by: ELM
Document date: 05/18/2020
Project No.: 30000481 MEC# 191313-000
Professional Seal:

Professional Seal: CALEB J. FLAKE, NEW MEXICO ENGINEER, 24114, 11/12/2020

Sheet Title: DETAILS
Sheet No.: DET_010



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 NO. DATE DESCRIPTION

WAQ1 - Albuquerque, NM

WAQ1 - Albuquerque, NM
 7300 Meridian Pl NW
 Albuquerque, NM 87121

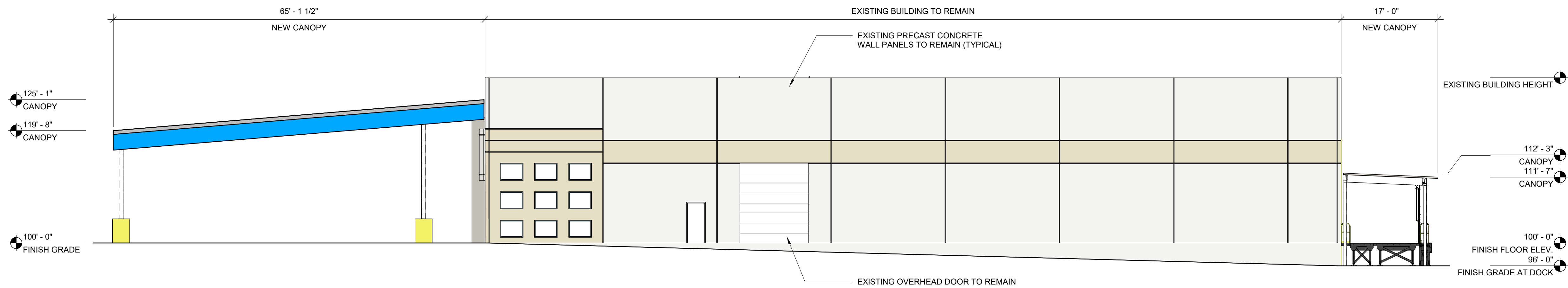
Project Manager:
 CJF
 Checked by:
 MVE
 Drawn by:
 ELM
 Document date:
 08/18/2020
 Project No.
 30000481 MEC# 191313-000
 Professional Seal



Sheet Title
 DETAILS

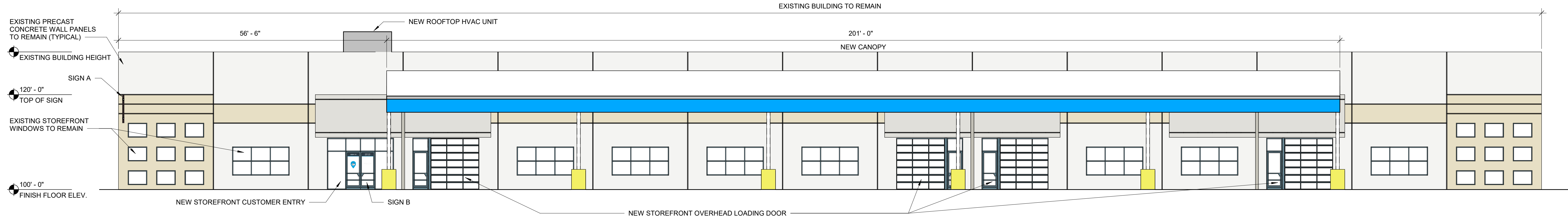
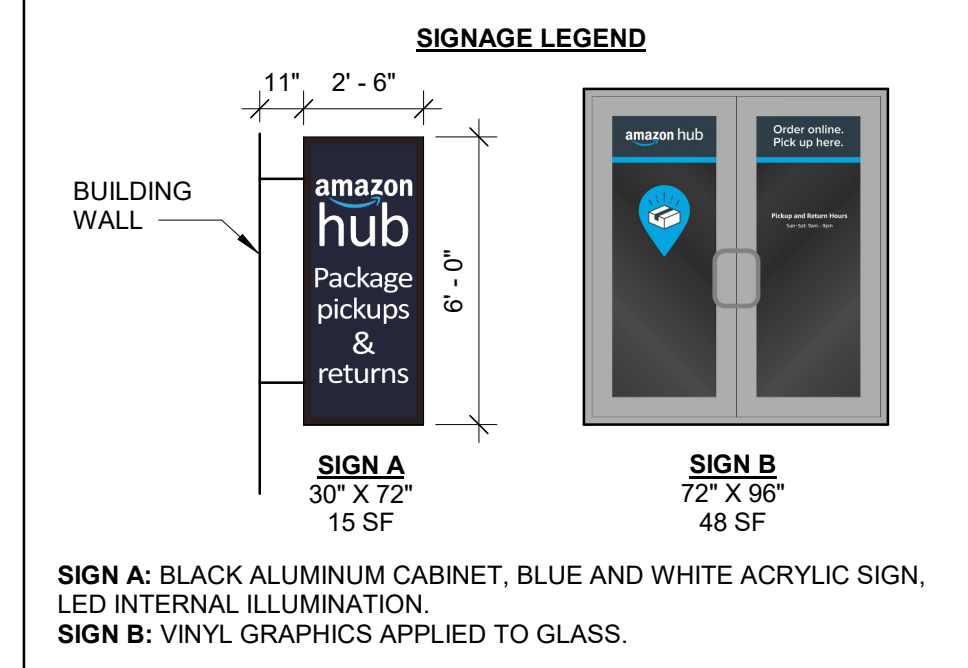
Sheet No.
DET_011

BY: PROGRERS PLOT DATE: 11/12/2020 9:24 AM P:\191313-000\06-DRAWINGS\CIVIL\SITE PLAN SHEETS\191313-000 DETL.DWG

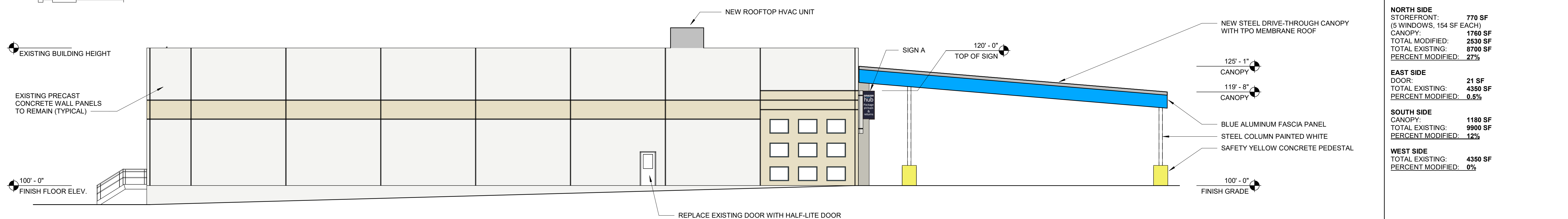


1 WEST EXTERIOR ELEVATION
 3/32" = 1'-0"
 1 2 5 10

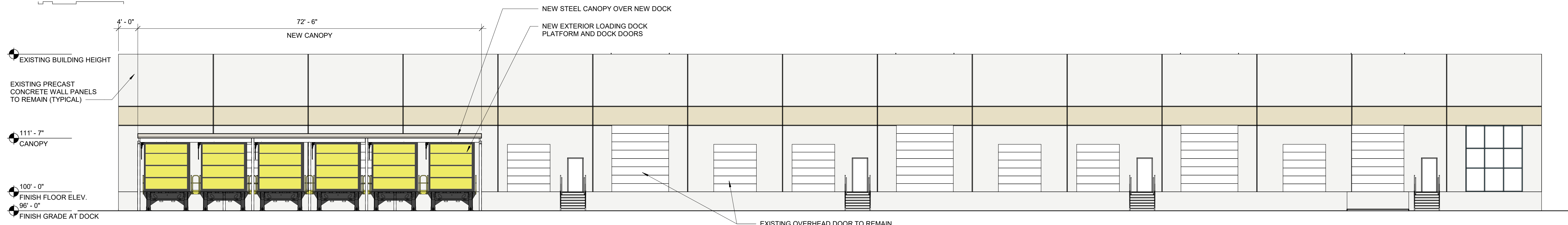
- SHEET NOTES**
1. ALL ELEMENTS OF A SIGN SHALL BE MAINTAINED IN A VISUALLY APPEALING MANNER.
 2. FREE-STANDING SIGNS SHALL BE DESIGNED THAT DO NOT REQUIRE ANY EXTERNAL BRACING, ANGLE-IRON SUPPORTS, GUY WIRES OR SIMILAR DEVICES.
 3. NO SIGNAGE IS ALLOWED THAT USES MOVING PARTS, MAKES AUDIBLE SOUNDS, OR HAS BLINKING OR FLASHING LIGHTS.
 4. ALL SIGNAGE SHALL BE DESIGNED TO BE CONSISTENT WITH AND COMPLEMENT THE MATERIALS, COLOR, AND ARCHITECTURAL STYLE OF THE BUILDING OR SITE LOCATION.
 5. SIGNAGE MAY BE ILLUMINATED BY CONCEALED LIGHT SOURCES LOCATED FLUSH WITH GRADE OR WITH BACK LIT CHANNELLED LETTERS.
 6. NO SIGN SHALL OVERHANG INTO THE PUBLIC RIGHT-OF-WAY OR EXTEND ABOVE THE BUILDING ROOF LINE.
 7. ONE FREE-STANDING SIGN IS ALLOWED FOR EACH STREET FRONTAGE OF EACH PREMISES WHICH HAS AT LEAST 200 LINEAR FEET OF STREET FRONTAGE.



2 NORTH EXTERIOR ELEVATION
 3/32" = 1'-0"
 1 2 5 10



3 EAST EXTERIOR ELEVATION
 3/32" = 1'-0"
 1 2 5 10



4 SOUTH EXTERIOR ELEVATION
 3/32" = 1'-0"
 1 2 5 10

ELEVATION CHANGE CALCULATIONS

Side	Element	Area (SF)	Total Existing (SF)	Percent Modified
NORTH SIDE	STOREFRONT (5 WINDOWS, 154 SF EACH)	770	8700	8.9%
	CANOPY	1750	8700	20.0%
	TOTAL MODIFIED	2520	8700	29.0%
EAST SIDE	DOOR	21	4350	0.5%
	TOTAL EXISTING	4350	4350	100%
SOUTH SIDE	CANOPY	1180	9900	12%
	TOTAL EXISTING	9900	9900	100%
WEST SIDE	EXISTING	4350	4350	0%
	TOTAL EXISTING	4350	4350	0%



MARSH MEYER
 8131 METCALP
 SUITE 300
 OVERLAND PARK, KS 66204
 www.brrarch.com
 TEL: 913-262-9095
 FAX: 913-262-9044

Copyright Notice
 The building images shown are a representation of the current design intent only. The building images may not reflect variations in color, tone, hue, tint, shading, ambient light, intensity, materials, texture, contrast, font style, construction variations required by building codes or inspectors, material availability or final design detailing.

WAQ1 - Albuquerque, NM
 7300 Meridian PI NW
 Albuquerque, NM 87121

Document date:
 04/17/2020

FOR PRESENTATION ONLY

EXTERIOR ELEVATIONS

ELEV_002

9/29/2020 9:31:26 AM



November 12, 2020

1700 Swift Street, Suite 100
North Kansas City, MO 64116
P 816.756.0444

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Department of Municipal Development
One Civic Plaza
Room 7057
Albuquerque, NM 87103

Re: 7300 Meridian Pl NW—Municipal Development Comments (Project Number: PR-2020-003650)

Plans for parking lot expansion at the address mentioned above have been revised in accordance with the City review comments received on 10/27/2020. The written response following the City comment (in **bold**) is to indicate the action taken to address each comment. The numbering system utilized corresponds to the City review comment numbers.

1. The site plan attached to this application does not show the proposed sidewalks in the Airport Drive and Bluewater Road right of way. DMD requests fee simple dedication of right of way to accommodate all sidewalks.

Response: Sidewalks are now in the right of way along Airport Drive and Bluewater Road.

We hope that we have adequately addressed each one of the above-referenced review comments and look forward to the approval of this submission. Please call or email should you have any questions regarding this resubmittal.

Very truly yours,

A handwritten signature in black ink that reads "Matt Eblen".

Matt Eblen, P.E.
meblen@mecresults.com
913-307-2588





November 12, 2020

1700 Swift Street, Suite 100
North Kansas City, MO 64116
P 816.756.0444

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Maggie Gould
Planning Department
City of Albuquerque, NM
Plaza del Sol, 600 2nd Street NW
Albuquerque, NM 87102

Re: 7300 Meridian PI NW—Planning Comments
(Project Number: PR-2020-003650, Project Name: SI-2020-01060)

Dear Maggie:

Plans for parking lot expansion at the address mentioned above have been revised in accordance with the City review comments received on 10/27/2020. The written response following the City comment (in **bold**) is to indicate the action taken to address each comment. The numbering system utilized corresponds to the City review comment numbers.

1. All plans must be stamped and sealed by an architect, landscape architect or engineer depending the plan type.
Response: Updated plans are stamped and sealed by architect, civil engineer and landscape architect.
2. The Atrisco Business Master Plan requires 1 tree per every 40 feet of linear feet of site perimeter – please clarify how this requirement is met.
Response: 1 tree is provided per 40 linear feet of perimeter, see Landscape Requirement Table on Land_002
3. Confirm that parking lot trees are provided at 1 tree per each 10 parking spaces and that no space is more than 100 feet from a parking space.
Response: Parking lot trees are provided at 1 tree per 10 parking spaces, see Landscape Requirement Table on Land_002
4. Was a fence detail provided?
Response: Plans have been updated to show a fencing detail. See Land_003

5. The property line cannot cross parking spaces. Adjust spaces so that whole spaces are provided on each site.

Response: Parking spaces have been adjusted to not cross the property line between Lots 11 & 12.

We hope that we have adequately addressed each one of the above-referenced review comments and look forward to the approval of this submission. Please call or email should you have any questions regarding this resubmittal.

Very truly yours,

A handwritten signature in black ink that reads "Matt Eblen". The signature is written in a cursive, flowing style.

Matt Eblen, P.E.
meblen@mecresults.com
913-307-2588



November 12, 2020

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North Kansas City, MO 64116
P 816.756.0444

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Jeanne Wolfenbarger, P.E.
Transportation Development Section
City of Albuquerque, NM
600 2nd Street NW
Albuquerque, NM 87102

Re: 7300 Meridian Pl NW—Transportation Comments (Project Number: PR-2020-003650)

Dear Jeanne:

Plans for parking lot expansion at the address mentioned above have been revised in accordance with the City review comments received on 10/27/2020. The written response following the City comment (in **bold**) is to indicate the action taken to address each comment. The numbering system utilized corresponds to the City review comment numbers.

1. Show clear sight triangles on landscaping plan for accessways to match the site plan. Add note, "Landscaping and signage will not interfere with clear sight requirements". Therefore, signs, walls, trees and shrubbery between 3 and 8 feet tall (as measured from the gutter pan) will not be acceptable in the clear sight triangle. Also show a clear sight distance triangle on the westernmost accessway off of Meridian on the site plan
Response: Clear sight triangles are shown and all vegetation within triangles have been relocated.
2. Due to landscaping plan, also provide clear sight triangles at the intersection corners
Response: All intersections have clear sight triangles shown.
3. Follow driveway spacing recommendations as part of the Traffic Study on Bluewater Road. All driveways should be included on the infrastructure list.
Response: Driveway on Bluewater Road moved to be over 100' away from existing driveway to the west. Driveways included on infrastructure list.
4. Provide speed bump detail with markings. For speed bump sign ahead shown, indicate signs within parking islands in advance of the speed bumps.
Response: Speed bump detail added.

5. Dimension walkway along handicapped spaces on the site plan. Show and dimension complete walkway from handicapped spaces to building and show building entrances. There must be a minimum 6-foot ADA pathway to building entrance.
Response: Dimensions for handicapped spaces added to the site plan.
6. Include 6-foot walkway leading to public right-of-way.
Response: 6-foot walkway to public right-of-way shown on site plan.
7. The ADA access aisles shall have the words "NO PARKING" in capital letters, each of which shall be one foot high and at least 2 inches wide, placed at the rear of the parking space so as to be close to where an adjacent vehicle's rear tire would be placed. (66-1-4.1.B NMSA 1978). (On the detail provided, it needs to be marked more clearly).
Response: Detail has been enlarged to be more clear.
8. Include latest 2020 details for curb ramp, sidewalk, and curb.
Response: Details have been updated.
9. Public sidewalk should be shown within the right-of-way. (Due to extensive amount of sidewalk, all sidewalk shall be placed onto the infrastructure list and this will need to go through the work order process).
Response: Public sidewalk is shown within the right-of-way.
10. Curb ramp call-out notes are needed on the site plan.
Response: Curb ramp call-outs have been added to the site plan.
11. Seek Fire Marshall Approval prior to Transportation Approval. A Fire Marshall Stamp will be needed.
Response: Documentation has been sent to the Fire Marshall noting the available supply is less than the demand for water at the building.
12. Parking lot island configuration at the end of the parking aisles shall follow DPM guidelines. Use curb radii of 15 feet in lieu of 4 feet for turning into a parked lot aisle.
Response: Parking islands have been updated with 15' radii
13. On the site plan, indicate location for electric charging stations
Response: Electric charging stations shown on site plan.

14. Provide dimensions for the motorcycle parking spaces on the site plan. Also, provide dimensioning for the accessible spaces directly on the site plans.

Response: Dimensions added to site plan.

15. How large of a truck do the entrances need to be designed for? A turning template design may need to be provided.

Response: Added E-450 van data and note to site plan.

16. Are PG-17 and PG-18 signs needed? The other signs provided for handicapped spaces seemed sufficient.

Response: The client requires these signs as part of their standards.

We hope that we have adequately addressed each one of the above-referenced review comments and look forward to the approval of this submission. Please call or email should you have any questions regarding this resubmittal.

Very truly yours,



Matt Eblen, P.E.

meblen@mecresults.com

913-307-2588



November 12, 2020

1700 Swift Street, Suite 100
North Kansas City, MO 64116
P 816.756.0444

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David Gutierrez, P.E.
Water Utility Authority
One Civic Plaza NW
Albuquerque, NM 87102

Re: 7300 Meridian PI NW—Water Utility Comments
(Project Number: PR-2020-003650, SI-2020-01060)

Dear David:

Plans for parking lot expansion at the address mentioned above have been revised in accordance with the City review comments received on 10/27/2020. The written response following the City comment (in **bold**) is to indicate the action taken to address each comment. The numbering system utilized corresponds to the City review comment numbers.

1. Please clarify in the legend what is proposed regarding water and sanitary sewer infrastructure. Based on the line types it appears the existing infrastructure in Meridian Place does not match existing line types noted in the legend.
Response: No water or sewer utilities are beign proposed as part of this project. All existing utilities to the building at 7300 Meridian PI NW to remain for use.
2. Please clearly identify public vs private infrastructure.
Response: All existing water and sewer lines going to the building from the public mains are service lines, and therefore are private instead of public infrastructure.
3. Is the fire protection for the existing structure being affected?
Response: Per the attached letter, the MEP on the project states that the available supply is less than the demand for water at the building.

We hope that we have adequately addressed each one of the above-referenced review comments and look forward to the approval of this submission. Please call or email should you have any questions regarding this resubmittal.

Very truly yours,

Matt Eblen, P.E.
meblen@mecresults.com
913-307-2588



Current DRC
Project Number: _____

FIGURE 12

Date Submitted: 9-29-2020

INFRASTRUCTURE LIST

(Rev. 2-16-18)

EXHIBIT "A"

**TO SUBDIVISION IMPROVEMENTS AGREEMENT
DEVELOPMENT REVIEW BOARD (D.R.B.) REQUIRED INFRASTRUCTURE LIST**

Date Site Plan Approved: _____
Date Preliminary Plat Approved: _____
Date Preliminary Plat Expires: _____
DRB Project No.: _____
DRB Application No.: _____

**7300 Meridian Place, Albuquerque NM
PROPOSED NAME OF PLAT AND/OR SITE DEVELOPMENT PLAN**

**Lots 11, 12 & 13 Meridian Business Park
EXISTING LEGAL DESCRIPTION PRIOR TO PLATTING ACTION**

Following is a summary of PUBLIC/PRIVATE Infrastructure required to be constructed or financially guaranteed for the above development. This Listing is not necessarily a complete listing. During the SIA process and/or in the review of the construction drawings, if the DRC Chair determines that appurtenant items and/or unforeseen items have not been included in the infrastructure listing, the DRC Chair may include those items in the listing and related financial guarantee. Likewise, if the DRC Chair determines that appurtenant or non-essential items can be deleted from the listing, those items may be deleted as well as the related portions of the financial guarantees. All such revisions require approval by the DRC Chair, the User Department and agent/owner. If such approvals are obtained, these revisions to the listing will be incorporated administratively. In addition, any unforeseen items which arise during construction which are necessary to complete the project and which normally are the Subdivider's responsibility will be required as a condition of project acceptance and close out by the City.

Financially Guaranteed DRC #	Constructed Under DRC #	Size	Type of Improvement	Location	From	To	Construction Certification		
							Private Inspector	P.E.	City Cnst Engineer
<input type="text"/>	<input type="text"/>	5'	Sidewalk	Bluewater Rd NW	West Property Line	Airport Rd NW	/	/	/
<input type="text"/>	<input type="text"/>	5'	Sidewalk	Airport Rd NW	Bluewater Rd NW	Meridian PI NW	/	/	/
<input type="text"/>	<input type="text"/>	5'	Sidewalk	Meridian PI NW	Airport Rd NW	South 360'	/	/	/
<input type="text"/>	<input type="text"/>		Curb Cut	Bluewater Road NW			/	/	/
<input type="text"/>	<input type="text"/>		Curb Cut	Airport Drive NW			/	/	/
<input type="text"/>	<input type="text"/>						/	/	/
<input type="text"/>	<input type="text"/>						/	/	/
<input type="text"/>	<input type="text"/>						/	/	/
<input type="text"/>	<input type="text"/>						/	/	/

The items listed below are on the CCIP and approved for Impact Fee credits. Signatures from the Impact Fee Administrator and the City User Department is required prior to DRB approval of this listing. The Items listed below are subject to the standard SIA requirements.

Financially Guaranteed DRC #	Constructed Under DRC #	Size	Type of Improvement	Location	From	To	Construction Certification				
							Private Inspector	P.E.	City Cnst Engineer		
<input type="text"/>	<input type="text"/>						/	/	/		
<input type="text"/>	<input type="text"/>						/	/	/		
Approval of Creditable Items:							Approval of Creditable Items:				
Impact Fee Administrator Signature							Date		City User Dept. Signature		Date

NOTES

If the site is located in a floodplain, then the financial guarantee will not be released until the LOMR is approved by FEMA.
Street lights per City requirements.

- 1 _____

- 2 _____

- 3 _____

AGENT / OWNER

Matt Eblen
NAME (print)

McClure
FIRM

Matt Eblen 11/13/2020
SIGNATURE - date

DEVELOPMENT REVIEW BOARD MEMBER APPROVALS

DRB CHAIR - date

PARKS & RECREATION - date

TRANSPORTATION DEVELOPMENT - date

AMAFCA - date

UTILITY DEVELOPMENT - date

CODE ENFORCEMENT - date

CITY ENGINEER - date

_____ - date

DESIGN REVIEW COMMITTEE REVISIONS

REVISION	DATE	DRC CHAIR	USER DEPARTMENT	AGENT /OWNER



11/12/2020

City of Albuquerque

RE: WQQ1 – Albuquerque, NM
1950004726

This letter is regarding the existing sprinkler demand and available water supply at the existing warehouse at 7300 Meridian PL NW Albuquerque, NM 87121

The existing building sprinkler system was designed utilizing ESFR protection criteria of twelve 16.8K sprinklers operating at 35 PSI. This yields a sprinkler system demand of 1203.3 GPM @ 47.5 PSI.

A fire hydrant flow test was performed by ABC Water Utility Authority on 5/22/19 at Gallatin PL. NW & Fortuna Rd. This flow test was taken within 12 months of permit submission. The flow test produced the following results.

Static Pressure: 52.5 PSI
Residual Pressure: 44.9 PSI
Flow: 3000 GPM

The location of the flow test is approximately 29 feet higher than the existing warehouse, yielding an additional 14 PSI for the Static and Residual pressure making them 66.5 PSI and 58.9 PSI respectively. Utilizing the fire hydrant flow test data, elevation difference, and friction loss from the test point to the building. There is 52.1 PSI available from the water supply while flowing 1203 GPM at the base of the riser.

Therefore, the water supply is still adequate to support the existing sprinkler demand. Please note since fire sprinkler is a deferred submittal, a new flow test will be performed by the fire sprinkler contractor to ensure compliance with NFPA 13 when submitting sprinkler shop drawings. Any discrepancies in available water supply will be addressed at that time.

Please contact me if you have any questions.

Sincerely,

Henderson Engineers

Darrell E. Stein, II
Fire Protection Engineer | Senior Vice President
New Mexico Registered Professional Engineer 17805

Agreement No. _____

Date of Agreement: 9/18, 2020

SHARED PARKING AGREEMENT

THIS SHARED PARKING AGREEMENT (this “**Agreement**”) is entered into as of the date set forth above (the “**Effective Date**”), by Brunacini Development, Ltd. Co., a New Mexico limited liability company (“**BDLC**”), and West I 40 Development LLC, a New Mexico limited liability company (“**WI40**”; collectively with BDLC, “**Owners**”).

RECITALS

A. BDLC is the owner of the property located in Albuquerque, Bernalillo County, New Mexico as identified and more particularly described as “BDLC Property” on Exhibit A attached hereto (the “**BDLC Property**”); and

B. WI40 is the owner of the property located in Albuquerque, Bernalillo County, New Mexico as identified and more particularly described as “WI40 Property” on Exhibit A attached hereto (the “**WI40 Property**”; collectively with the BDLC Property, the “**Property**”); and

C. Owners desire to grant and establish vehicular cross-parking and cross-access easements over and across the portions of the Property described in this Agreement for the purposes of development of and service and accommodation of the general public who have legitimate business with any owner, occupant, tenant or lessee of all or any portion of the Property; and

D. In conjunction with the development of the Property, the City of Albuquerque has allowed, and Owners have elected, to reduce off-street parking requirements based upon Section 14-16-3-1-D-6 of the Zoning Ordinance of the City of Albuquerque and currently known proposed tenant uses. The approved site plan, as shown on Exhibit B, includes parking and the reduced parking calculations, as shown on Exhibit C attached hereto. Under this site plan and using the proposed tenant uses, 49 spaces are required and 125 spaces are provided.

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, Declarant agrees as follows:

AGREEMENT

1. Grant of Cross-Parking and Cross-Access Easements. Owners hereby establish and grant, for the benefit of the each lot (each a “**Lot**”) that now or hereinafter comprise the Property, a private reciprocal, perpetual, non-exclusive vehicular access, pedestrian access and vehicular parking easements over and across those common roadways, drive aisles, parking lots, sidewalks, walkways, and other areas of the Property not covered by buildings or other vertical structures now existing, or as modified or developed from time to time (the “**Easement Area**”), for the purposes of vehicular access, pedestrian access, vehicular parking, and utilities, as applicable (the “**Easements**”). Nothing herein contained shall be deemed to be a grant or dedication of any portion of the Property to the general public or any governmental entity or for any public purpose

whatsoever.

2. Use Limitations. In the event that there are changes to the tenant uses which would increase the number of required parking spaces at the Property, the parking calculations shall be updated by the owners of the Property to reflect such change and shall be presented to the City of Albuquerque. No owner of any of the Property shall segregate property access or parking rights or significantly impair access to parking on the Property by uses of any portion of the Property. No owner of the Property will change the tenant uses at the Property in a manner that increases the number of required parking spaces unless additional required spaces are provided. The foregoing shall not, however, impair the right of the Owner or its successors to declare exclusive parking areas for such items as employee parking, handicap spaces, loading, designated timed areas such as "15 minute" temporary parking areas, or any other areas set forth on any site plan of the Property approved by the City, or to take commercially reasonable actions to prevent parking in areas which are not designated parking spaces on the site plan.

3. Maintenance and Insurance. Each owner of any portion of the Property shall be responsible for the upkeep and maintenance (or shall cause its tenants to be responsible) of those portions of the Easements that are located on such owner's lot and shall maintain such portions in good condition and repair, including but not limited to snow removal, striping and paving. Each property owner shall maintain at all times a commercial general liability policy which will afford protection to the limit of not less than \$2,000,000.00 per occurrence in the aggregate for injury or death of a single person, and to the limit of not less than \$2,000,000.00 for property damage covering the tract owned by such property owner and all improvements thereon.

4. Successors and Assigns. This Agreement and the Easements shall run with and be appurtenant to the Property. No sale or transfer of all or any portion of the Property shall be deemed to void or violate this Agreement. The terms of this Agreement shall bind the Owners, successors, and assigns.

5. Indemnification. Each owner of a Lot within the Property shall indemnify, protect, defend, and hold harmless all other owners for, from and against any and all claims, damages, costs, liabilities, losses and expenses (including, without limitation, attorneys' fees) to the extent related to or arising out of the use of the Easements by the indemnifying party or its employee's, agents, invitees, and common carriers.

6. Miscellaneous.

(a) Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the State of New Mexico.

(b) Severability. In case any one (1) or more of the provisions contained in this Agreement for any reason is held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision hereof, and this Agreement shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein.

(c) Counterparts. This Agreement may be executed in one (1) or more counterparts, and all the counterparts shall constitute but one (1) and the same agreement, notwithstanding that all parties hereto are not signatory to the same or original counterpart.

(d) Time. Time is of the essence of every provision contained in this Agreement.

(e) Nonwaiver. Unless otherwise expressly provided in this Agreement, no waiver by a party of any provision hereof shall be deemed to have been made unless expressed in writing and signed by such party. No delay or omission in the exercise of any right or remedy accruing to a party upon any breach under this Agreement shall impair such right or remedy or be construed as a waiver of any such breach theretofore or thereafter occurring. The waiver by a party of any breach of any term, covenant or condition herein stated shall not be deemed to be a waiver of any other term, covenant or condition.

(f) Captions. Section titles or captions contained in this Agreement are inserted as a matter of convenience and for reference, and in no way define, limit, extend or describe the scope of this Agreement.

(g) Exhibits. All Exhibits attached hereto shall be incorporated herein by reference as if set out herein in full.

(h) Construction. The parties acknowledge that each party and its counsel have reviewed and revised this Agreement and that the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of this Agreement or any amendment or Exhibits hereto.

(i) Amendment. This Agreement may be amended or terminated only by the written mutual consent of the owners of all Lots within the Property and the City of Albuquerque, recorded in the real estate records of Bernalillo County, New Mexico.

(j) Limitation on Liability. To the extent, if at all, any portion of any indemnity, hold harmless or insurance provision of this Agreement is held by a court of competent jurisdiction to violate the terms of Section 56-7-1 NMSA 1978, as amended, the remaining indemnity, hold harmless and insurance provisions of this Agreement shall remain in full force and effect.

(k) Recording of Agreement. This Agreement shall be recorded with the Bernalillo County Clerk's Office prior to issuance of a building permit for the Property.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement in one (1) or more counterparts, on the date set forth above, effective as of the date first above written.

[REMAINDER OF PAGE LEFT INTENTIONALLY BLANK –
SIGNATURE PAGES FOLLOW]

OWNERS:

Brunacini Development, Ltd. Co.,
a New Mexico limited liability company

By: [Signature]
Angelo Brunacini, Managing Member

STATE OF NEW MEXICO

COUNTY OF BERNALILLO

This instrument was acknowledged before me this 18th day of September, 2020,
by Angelo Brunacini, Managing Member of BRUNACINI DEVELOPMENT, LTD. CO., a New
Mexico limited liability company.

[Signature]
Notary Public

My commission expires:
6/26/2023

West I 40 Development LLC,
a New Mexico limited liability company



By: [Signature]
Angelo Brunacini, Manager

STATE OF NEW MEXICO

COUNTY OF BERNALILLO

This instrument was acknowledged before me this 18th day of September, 2020,
by Angelo Brunacini, Manager of WEST I40 DEVELOPMENT LLC, a New Mexico limited
liability company.

[Signature]
Notary Public

My commission expires:
6/26/2023



EXHIBIT A

LEGAL DESCRIPTION OF PROPERTY

BDLC Property:

Lots numbered Twelve (12) and Thirteen (13) of the Plat of Lots 1 Thru 23, Meridian Business Park, City of Albuquerque, New Mexico, as the same is shown and designated on the Plat of said Subdivision, filed in the Office of the County Clerk of Bernalillo County, New Mexico, on May 16, 1997, in Volume 97C, Folio 157.

WI40 Property:

Lot numbered Eleven (11) of the Plat of Lots 1 Thru 23, Meridian Business Park, City of Albuquerque, New Mexico, as the same is shown and designated on the Plat of said Subdivision, filed in the Office of the County Clerk of Bernalillo County, New Mexico, on May 16, 1997, in Volume 97C, Folio 157.

EXHIBIT C

REDUCED PARKING CALCULATION

1. Wholesale/Distribution— $36463 \text{ SF} * (1 \text{ Stall} / 2000 \text{ SF}) = 18.23$ (19)
2. Office— $8537 \text{ SF} * (3.5/1000) = 29.87$ (30)

Total of 49 stalls